

SOUTHWEST OIL, DAVIS-CLARK  
NE NE Sec 5-T21S-R24E COCHISE 34

P-W

COUNTY Cochise AREA Hay Mountains LEASE NO. Davis-Clark Fee

WELL NAME Southwest Oil Company, Davis-Clark

LOCATION NE NE SEC 5 TWP 21S RANGE 24E FOOTAGE 660' FEL 884' FNL  
ELEV 4595' GR KB SPUD DATE 7-19-56 STATUS Abandoned TOTAL  
COMP. DATE 10-67 DEPTH 3570'

CONTRACTOR John R. Niblett 3555' Com. Rpt.

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	
<u>13 3/4"</u>	<u>515'</u>	<u>40 sx</u>	<u>NA</u>	<u>x</u>	
<u>7"</u>	<u>1629</u>			<u>x</u>	
<u>10 3/4"</u>	<u>976'</u>	<u>25 sx</u>			
INITIAL PRODUCTION				<u>Water Well</u>	

DIFFERS FROM COMPLETION REPORT

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Alluvium	Surface		x	
Cretaceous Bisbee Group	200'			
Mural Limestone	200'			
Morita Formation	600'			
Permian Earp For.	1150'			
Penn. Horquilla ls	1575'			
Mississippain Escabrosa	2400'			
Devonian Martin ls	3335'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Elec. /Formation Drillers			SAMPLE DESCRP. <u>x</u>
			SAMPLE NO. <u>T-1148 P -398</u>
			CORE ANALYSIS
			DSTs

REMARKS Well was re-entered under Permit 456, 11-13-70 Loren Buck was told by geologist with Contential Oil Co. who supported this well that it recovered 400' oil-cut mud on D.S.T. See report by Kenneth G. Smith in file. Also DST at 2628-2634 in file.

APP. TO PLUG  
PLUGGING REP.  
COMP. REPORT x

WATER WELL ACCEPTED BY Houston Davis, P. O. Box 368, Tombstone, AZ

BOND CO. Maryland Gas Company BOND NO. 92-377-933  
BOND AMT. \$ 2,500 CANCELLED 10-17-67 DATE  
FILING RECEIPT LOC. PLAT x ORGANIZATION REPORT x  
API NO. 02-003-05037 WELL BOOK x PLAT BOOK x  
DATE ISSUED 4-6-56 DEDICATION

PERMIT NUMBER 34

(over)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG							
DESIGNATE TYPE OF COMPLETION:							
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Gas <input type="checkbox"/> Dry <input checked="" type="checkbox"/>
DESCRIPTION OF WELL AND LEASE							
Operator <u>Southwest Oil Co</u>				Address <u>P.O. Box 356 Casa Grande Ariz</u>			
Federal, State or Indian Lease Number or name of lessor if fee lease <u>For - Davis - Clark</u>				Well Number <u>21</u>		Field & Reservoir	
Location <u>Don Lohr</u>				County <u>Cochise</u>			
Sec. TWP-Range or Block & Survey <u>5-21-S-24 E-NE NE Lot 1 Pole in center of Lot 1</u>							
Date spudded <u>7-19-56</u>		Date total depth reached <u>6-17-58</u>		Date completed, ready to produce <u>dry</u>		Elevation (DF, RKB, RT or Gr.) <u>4595</u> feet	
Total depth <u>3555</u>		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion				Rotary tools used (Interval) <u>2455 to 3555</u>		Cable tools used (Interval) <u>0 - 2455</u>	
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?		Date filed	
<u>no</u>		<u>yes</u>		<u>yes</u>			
Type of electrical or other logs run (check) logs filed with the commission) <u>Electric formation density log</u>						Date filed	
CASING RECORD							
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)							
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled	
		<u>16"</u>		<u>42'</u>			
		<u>12 3/4" ID</u>		<u>51.5'</u>	<u>40</u>		
		<u>10" ID</u>	<u>40</u>	<u>926'</u>			
		<u>7"</u>	<u>23</u>	<u>1630'</u>			
TUBING RECORD				LINER RECORD			
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth interval		Am't. & kind of material used		Depth interval	
INITIAL PRODUCTION							
Date of first production		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	
Disposition of gas (state whether vented, used for fuel or sold):							
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>President</u> of the <u>Southwest Oil Co</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p>Date <u>Oct 16, 1967</u> Signature <u>Alex J. Jauer</u></p>							
Permit No. <u>34</u>				<p style="text-align: center;">STATE OF ARIZONA OIL &amp; GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4</p> <p style="text-align: center;">RECEIVED OCT 17 1967 OIL &amp; GAS COMMISSION</p>			

(Complete Reverse Side)

TO: Oil and Gas Conservation Commission  
State of Arizona  
1624 W. Adams, Room 202  
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the Southwest Oil Co #1 Davis-Clark well located on the NE NE 5-21-5-24E  
of Section (5) Township (21S) Range (24E) County of Cochise - Permit 3.4  
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of the above well, including final plugging, in full compliance with the Rules and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any applicable requirements of U.S. Geological Survey.

Signature Houston Davis  
Address Box 4368 Tombstone, Ariz.

State of Ariz  
County of Cochise

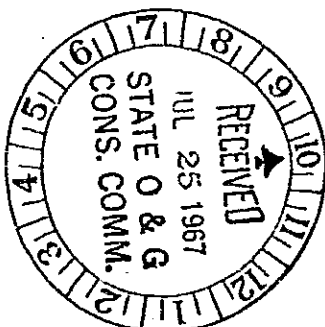
On this, the 21<sup>st</sup> day of July, 1967, before me, \_\_\_\_\_

James J. McQuilty, Jr., the undersigned officer, personally appeared Houston Davis, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public James J. McQuilty, Jr.

My Commission expires Oct 25, 1967



Permit No. 34

State of Arizona  
OIL & GAS CONSERVATION COMMISSION  
WATER WELL ACCEPTANCE  
Form 26 - File one copy

Southwest Oil Co. No. 1 Davis Clark  
NE 1/4 Section 5, T 21 S., R. 24 E.  
Cochise County, Arizona

March 19, 1959

Sample Tops:

Recent Alluvium	Surface to 200'
Cretaceous Bisbee Group	
(Mural Limestone)	200'
(Morita Formation)	600'
Permian Earp Formation	1150'
Pennsylvanian Horquilla ls.	1575'
Mississippian Escabrosa ls.	2400'
Devonian Martin ls. (?)	3335'

Above tops are based on lithology, as compared with surface sections described by Gilluly (U.S.G.S. Prof. Paper 281, General Geology of Central Cochise County, Arizona). The section penetrated from a depth of 200 feet to 1150 feet, compares favorably with Gilluly's description of the Mural limestone and Morita formation, which are, in reality, members of the Bisbee formation, or group.

Beneath the Cretaceous-Paleozoic unconformity, the well apparently penetrated a limestone and shale section of the Permian Earp formation, and went into the Pennsylvanian Horquilla limestone, at a depth of 1575 feet. This top is based on the beginning of a continuous limestone section deeper in the well.

Top of the Mississippian Escabrosa Limestone was picked at a depth of 2400 feet, beneath a section of 150 feet of interbedded limestone and red shale, a phenomenon that is common to the Pennsylvanian-Mississippian boundary in this part of the Rocky Mountains. The actual tops may come higher, above some black and green shal beds at 2340, but, as in the case of the Pennsylvanian top, this one was again picked on the beginning of another thick continuous limestone section.

At 3335 feet, the well penetrated a gray dolomite section, which is questionably called the Devonian Martin formation. According to average thickness of measured Mississippian sections in the area, this would be a logical pick. However, it should be pointed out that in some measured sections in Cochise County, there is a thick dolomite section in the lower part of the Escabrosa limestone. The well bottomed in this dolomite at a Total Depth of 3570 feet.

Scattered oil shows were found in dense to fairly porous limestones, with poor to fair fluorescence and cut, in the zone from 2195 to 2655 feet.. A drill stem test of the interval 2570-90 recovered 450 feet of oil cut mud, but no pressures were recorded and no additional tests, or a completion, were attempted.


Southwest Oil Co. No. 1 Davis Clark  
Page 2

The tops picked in this well are based on lithology only, and fossils may change them slightly in the Paleozoic section. Geologically, however, the tops picked would agree with what might be expected in this area, based on the position of the well with respect to the local geology as mapped by Gilluly.

Kenneth G. Smith

KGS:hp  
cc/gg

*Kenneth Grant Smith  
Continental Oil Co  
Durango Colorado, 1959*

Initial Closed In Time		Minutes		Date May 10, 1958	
Tool Open Flow Period 120		Minutes		Ticket No. T-189013	
Final Closed In Time 60		Minutes		HOWCO DISTRICT Farmington, N. M.	
Depth Top Gauge 2,608'		Ft.	Blanked Off No	Kind of Job Open Hole	
BT. P.R.D. No 814			12/	Hr. Clock	CONTRACTOR Niblett Drilling Company
Pressure Readings		Field	Office Corrected		HOLE & TOOL DATA
Initial Hydro Mud Pressure			1168		Elevation Top Packer Depth 2,628'
Initial Closed in Pres.			-		Total Depth 2,660' / Bottom Packer Depth 2,634'
Initial Flow Pres.			83		Casing or Hole Size 6" Size & Type Well Packer 5 1/4" S. E.
Final Flow Pres.			557		Liner or Rathole Size 6" Size Bottom Choke 1"
Final Closed in Pres.			933		Casing Perforations Top Bottom Size Surface Choke 1"
Final Hydro Mud Pressure			1,042		Interval Tested 26' ID & Length Air Chamber -
Depth Center Gauge		Ft.	Blanked Off		Formation Tested Mississippian ID & Length Drill Collars
BT. P.R.D. No			Hr. Clock		Est. Gauge Depth Temp. 86 F° Size Drill Pipe 3 1/2" I.F.
Pressure Readings		Field	Office Corrected		MUD DATA Weight Water Viscosity None
Initial Hydro Mud Pressure					All depths measured from Rotary Table No. Folders Reproduced 5
Initial Closed in Pres.					REMARKS: Misrun
Initial Flow Pres.					
Final Flow Pres.					
Final Closed in Pres.					
Final Hydro Mud Pressure					
Depth Bottom Gauge 2,657'		Ft.	Blanked Off Yes		
BT. P.R.D. No			Hr. Clock		
Pressure Readings		Field	Office Corrected		
Initial Hydro Mud Pressure					
Initial Closed in Pres.					Recovered 1,100 Feet of Drilling Fluid
Initial Flow Pres.					Recovered Feet of
Final Flow Pres.					Recovered Feet of
Final Closed in Pres.					Recovered Feet of
Final Hydro Mud Pressure					Witnessed By Mr. Briker
Amount-Type of Cushion None					Tester Shadid

LOCATION Tombstone

WELL NO. 1

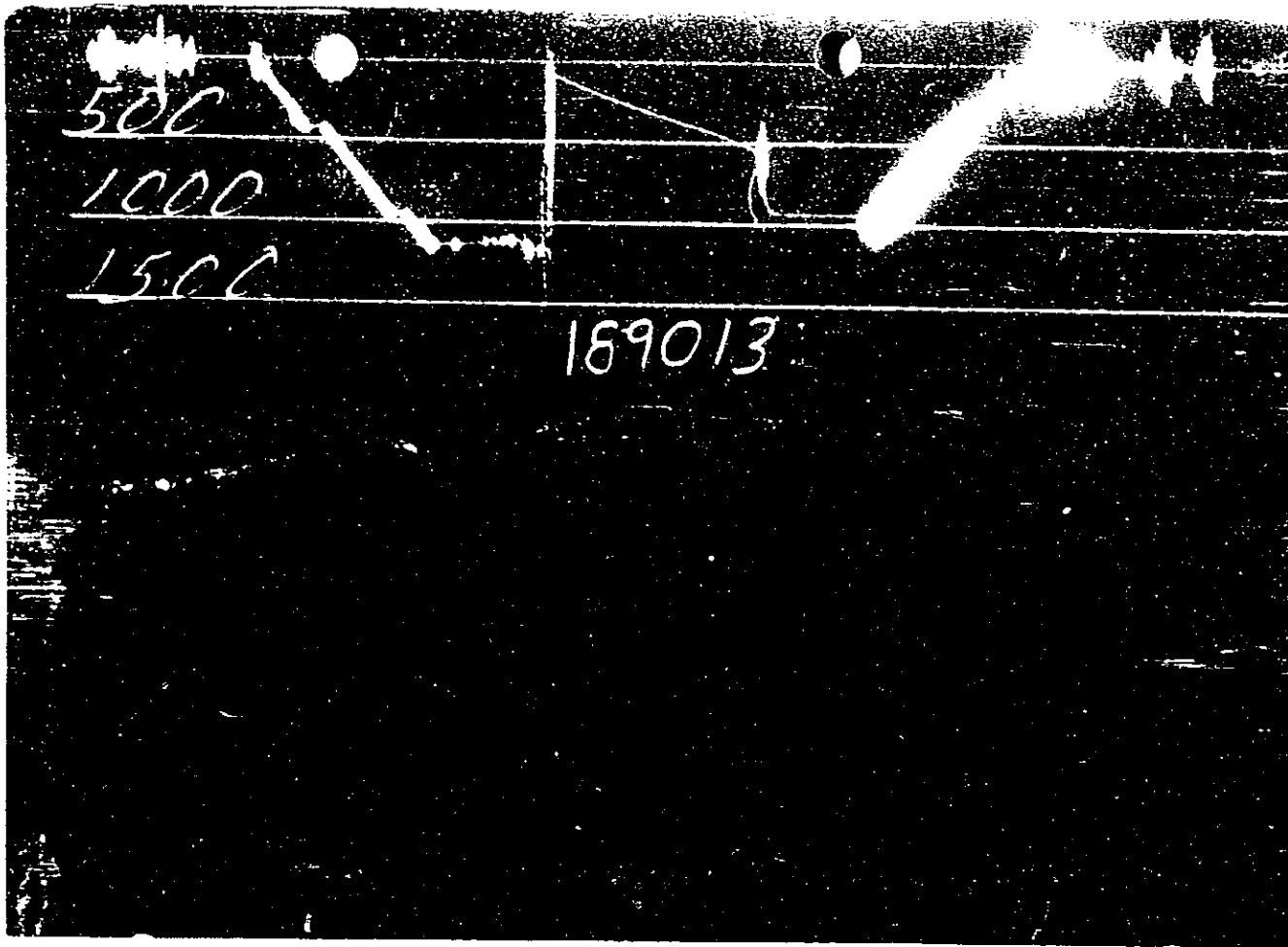
TEST NO. 1

COUNTRY Cochise

STATE Arizona

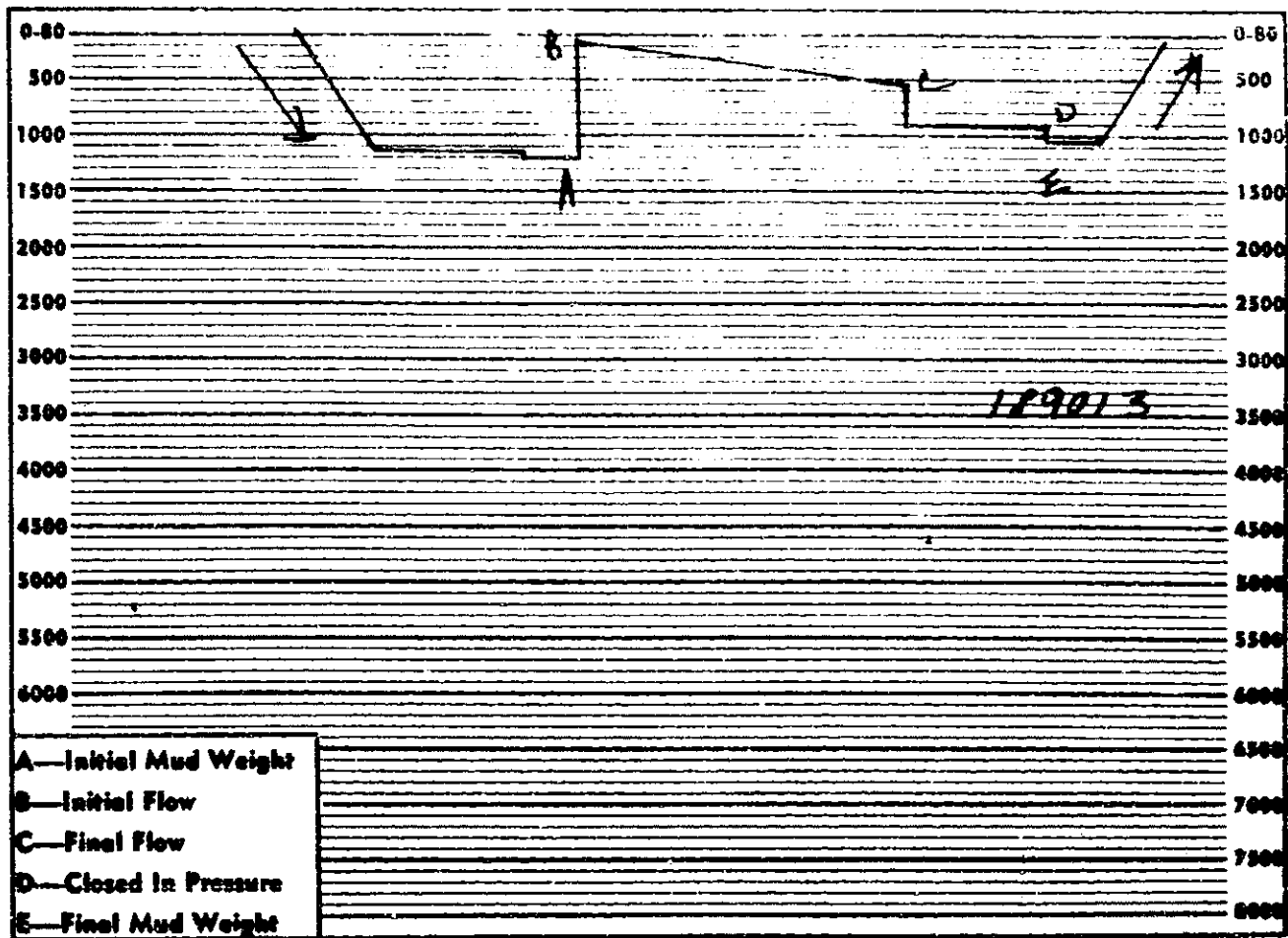
LEASE NAME Davis - Clark

OWNER DISTRICT Tombstone, Arizona



↑  
PRESSURE  
↓

← TIME →



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

EACH HORIZONTAL LINE EQUAL TO 1000 P.S.I.



**THE NEW.....**

*Formation Testing Service Report*



OIL WELL CEMENTING CO.

Phoenix, Arizona, October 9, 1957

Permit # 34

LOG OF SOUTHWEST OIL COMPANY

Davis - Clark No. 1 Lot 1, or NE or NE of Section 5, Twp, 21 S. Range 24 East,  
Cochise County, Arizona.

Ft.	
0-100	Valley fill. Sand clay-gravel
100-200	Gravel-sandstone. Shale brown to tan. Limey sand and pebbles mostly quartz. Some igneous crystals-near base.
200-300	Shale maroon and purple, some quartz grains, and sandy lime.
200-250	No samples taken 250-290.
290-300	Maroon shale, limey sand and sandstone. Permian.
300-400	Shale, pale purple-mostly non-limey 300-350. Shale purple, some quartz grains, pebbly shale showing some calcite fragments 350-400.
400-500	Lime strata 400-440. Purple and maroon. Shale 440-500.
500-600	Shale, pale purple and maroon 500-560. Hard gray lime-rounded fine gravel-broken lime 560-600.
600-700	No samples examined.
700-800	Medium grained, gray sandstone, some pale red shale 700-750. Gray to green silt, fine sandstone, some dark red 750-800.
800-900	Silt and shale-pale red 800-850. Fine medium grained sandstone some lime. (Arkoaic) 850-900.
900-1000	Dark gray-slightly Arkoaic sandstone-red and gray shale 900-950. Fine medium grained red sandstone - some quartz 950-1000.
1000-1100	Gray-pale red-sandstone. Mostly quartz grains 1000-1050. <u>Exp formation</u> , broken lime fragments 1050-1080. 1080-1100 no samples.
1100-1200	Fine grained sandstones and shale, shale-quartz grains-shale-quartz grains-shale, pale red to gray. 1100-1150, broken white line fragments. <u>Exp formations</u> 1150 - 1200.
1200 - 1300	Lime and shale, pale red sandstone dark gray, to pale red, 1200 - 1250, shale and limestone fine gray and sandy red shale 1250-1300.
1300-1400	Chert pebbles-light gray, hard chert, orange-gray shale 1300-1350 chert and shale, sandstone fine grained 1350-1400.
1400-1500	Sandstone fine grained 1400-1500, Limey shale-chert orange and gray 1450-1500.
1500-1600	Sandstone same as above, limestone gray to buff, hard, 1500-1550 chert pebbles and sandstone 1550-1600.
1600-1700	Chert pebbles, limestone same as above 1600-1650, silty limestone, tan soft limestone 1650-1700.
1700-1800	Red and brown silty limestone, sandy limestone, dense, 1700-1750 red and gray shale, some mica, silty limestone and chert 1750-1800.
1800-1900	Light gray chert, dense, limestone, not as silty as above, light gray silt and sandstone 1800-1850. Light gray silicified limestone, change to soft silty limestone, buff to gray chert, light gray clean sandstone 1850-1900.

-2-

1900 - 2000	Paleo limestone, pink and gray, reddish 1900-2000.
2000-2100	Light gray chert, some dolomite.
2100-2180	Limestone-shelly, white to light gray cherty, some dolomite 2100-2186.
2186-2200	Hard gray lime
2200-2212	Blue lime
2212-2220	Gray lime
2220-2228	Soft red lime
2222-2228	Hard Gray lime
2228-2235	Pink and gray lime
2235-2243	Red lime
2243-2245	Red shale and lime
2245-2250	Lime and shale
2250-2254	Lime and streaks of shale
2254-2265	Red and gray lime
2265-2273	Hard gray lime
2273-2285	Gray lime
2285-2297	Red lime
2297-2310	Gray lime
2310-2322	Red lime
2322-2337	Gray lime
2337-2347	Hard gray lime, with shale streaks
2347-2360	Hard gray lime
2360-2375	Gray lime
2375-2385	Hard gray lime
2385-2392	Black carbon, (good show of gas,) bubbles on bailings at 2395.
2395-2405	Gray lime
2405-2420	Gray lime not hard
2420-2437	Hard gray lime
2437-2440	Red lime
2440-2450	Hard gray lime
2450-2455	Gray lime (Bottom)

Fossil identified: Triticites - 1315'  
Fuhalindes - 1410'  
Changed to Rotary Rig.

Well Log Southwest Oil Co. Davis-Clark No. 1  
Lot No. 1. NE. of NE, Sec. 5, Twp. 21 S. Range 24 E, Cochise County  
Bottom of Cable tool drilling.

2455	
No. sample	Rotary drilling equipment May 3, 1958, (6' drill bit) cuttings
2475-2485	Yellow sandy lime, coarse grained
2485-2494	Coarse gray and platy lime, medium hard
2494-2505	Coarse gray platy lime
2505-2510	Coarse hard gray lime, medium hard
2510-2517	Gray lime-coarse and platy
2517-2522	Same as above
2522-2527	Gray lime, medium fine grained
2527-2533	Dark gray, platy lime medium hard
2533-2538	Gray lime, platy, medium fine grain
2538-2543	Same as above.
2543-2548	Gray lime fine grained
2548-2553	Light gray lime fine grained
2553-2558	Gray lime fine grained
2558-2563	Same as above
2563-2568	Gray lime medium fine

2568-2573	Gray lime fine grained
2573-2578	Dark gray lime medium fine
2578-2583	Gray lime, medium coarse
2583-2588	Gray lime medium, coarse (circulating)
2588-2593	Dark gray lime, medium coarse (circulating)
2593-2598	Dark gray lime medium
2598-2603	Dark gray lime coarse
2603-2608	Same as above.
2608-2613	Gray and brown lime medium
2613-2618	Dark gray lime and chert coarse
2618-2625	Same as above
2623-2628	Dark gray and brown lime and chert
2628-2633	Dark gray sandy lime, some chert pebbles
2633-2637	Dark gray sandy lime, chert pebbles
2637-2642	Dark gray sandy lime. Stain and oil film (Ether test)
2642-2647	Gray and yellow sand, lime and chert (oil stain)
2647-2652	Gray and brown sand, some lime and chert
2652-2657	Gray and brown sand and lime, chert pebbles
2657-2658	Gray lime fine grained
2658-2659	Gray and brown sand and lime, chert pebbles
2659-2660	Same as above.
2660-2665	Gray sandy lime, medium grained
2665-2670	Light gray sandy lime, fine grained, some chert and quartz crystals.
2670-2675	Light gray sandy lime
2675-2680	Light gray sandy lime, some Dolomite quartz crystals
2680-2685	Gray and white lime, fragments of Marine fossil, fine grain
2685-2690	Light gray lime, fine grain sandy
2690-2695	Light gray lime, fine grain sandy. some fossil shell
2695-2700	White and gray lime, some fossil shell
2700-2705	Light gray lime, medium to coarse
2705-2710	Light gray lime, shell fragments
2710-2715	Gray lime medium fine, shell fragments
2715-2720	Light gray lime coarse grain
2720-2725	Gray lime coarse
2725-2730	Light gray lime medium grain
2730-2735	Gray lime fine grain
2735-2740	Same as above
2740-2745	Light gray platy lime coarse grain
2745-2750	Same as above.
2750-2755	Light gray lime medium grain
2755-2760	Light gray lime, coarse platy
2760-2765	Gray sandy lime, some chert
2765-2770	Gray sandy lime medium fine grain
2770-2775	Same as above
2775-2780	Light gray sandy lime fine grain
2780-2785	Light gray flaky lime, brittle
2785-2790	Gray sandy lime, brittle and fine grain
2790-2795	Gray sandy lime, some pink
2795-2800	Gray and brown sandy lime, some chalk
2800-2805	Dark gray and brown lime-shell fragments
2805-2810	Dark gray sandy lime, shell fragments.
2810-2815	Gray lime, some pink-fine grain
2815-2820	Gray and pink sandy lime fine grain
2820-2825	Light gray sandy lime, fine grain
2825-2830	Same as above
2830-2835	Gray and brown sandy lime, medium grain
2835-2840	Gray and brown sandy lime, chert pebbles
2840-2845	Same as above.
2845-2850	Gray sandy lime, fine grain
2850-2855	Gray and brown sandy lime, medium grain
2855-2860	Light gray lime, fine grain
2860-2865	Light Gray lime, medium grain
2865-2870	Light gray chalky lime, fine grain

2870-2875	Light gray sandy lime
2875-2880	Gray lime, some chert, pebbles coarse
2880-2885	Dark gray and blue lime, coarse grain
2885-2890	Same as above
2890-2895	Dark blue lime, hard and coarse grained
2895-2900	Same as above
2900-2905	Dark gray lime, shell fragments
2905-2910	Gray and brown lime and fine grain yellow sand
2910-2915	Gray and brown sandy lime, fine grain
2915-2920	Gray sandy lime, very fine grain
2920-2925	Light gray lime sandy.
2925-2930	Light gray lime and fine sand
2930-2935	Gray and brown sandy lime, medium grain
2935-2940	Light gray and brown sandy lime
2940-2945	Light gray and brown sandy lime, medium grain
2945-2950	Gray and brown sandy lime
2950-2955	Dark gray lime, coarse grain
2955-2960	Dark gray lime, medium grain
2960-2965	Gray and brown sandy lime, medium
2965-2970	Dark gray sandy lime coarse grain
2970-2975	Coarse dark gray sandy lime and chert
2975-2980	Gray lime and chert pebbles and sandy
2980-2985	Coarse gray slabby lime
2985-2990	Light gray lime, medium grain
2990-2995	Light gray lime, chert pebbles
2995-3000	Light gray sandy lime, fine grain
3000-3005	Light gray lime, fine grain
3005-3010	Light gray sandy lime, very fine grain
3010-3015	Same as above.
3015-3020	Same as above.
3020-3025	Light gray and brown sandy lime, very fine grain
3025-3030	Gray sandy lime, fine grain
3030-3035	Same as above.
3035-3040	Light gray sandy lime, fine grain
3040-3045	Gray sandy lime, medium grain
3045-3050	Gray sandy lime, fine grain
3050-3055	Light gray sandy lime and chert, coarse grain
3055-3060	Light gray sandy lime, medium grain
3060-3065	Light gray sand lime, medium coarse grain
3065-3070	Light gray sandy lime, fine grain
3070-3075	Gray lime, sandy, medium grain
3075-3080	Same as above.
3080-3085	Same as above.
3085-3090	Same as above.
3090-3095	Dark gray sandy lime, fine grain
3095-3100	Same as above.
3100-3105	Dark gray lime, some chert and fossil shell
3105-3110	Gray sandy lime, fine grain
3110-3115	Dark gray sandy, lime, medium grain
3115-3120	Same as above.
3120-3125	Dark gray sandy lime
3125-3130	Gray sandy lime, fine grain
3130-3135	Same as above
3135-3140	Light gray sandy lime
3140-3145	Same as above
3145-3150	Light gray sandy lime, fine grain
3150-3155	Gray sandy lime, fine grain
3155-3160	Gray sandy lime, medium grain
3160-3170	Dark gray and black lime, medium grain
3170-3175	Dark sandy lime, medium grain
3175-3180	Black lime and carbon-medium grain
3180-3185	Gray and black lime, carbon, medium grain
	Gray and black lime, fine grain

3185-3190 Same as above.  
 3190-3195 Gray and black lime, coarse grain  
 3195-3200 Gray and black coarse sandy lime  
 3200-3205 Gray and black lime, medium grain and sand fine grain  
 3205-3210 Gray and black lime, coarse grain, sand fine grain  
 3210-3215 Dark sand lime, much sand, fine grain  
 3215-3220 Same as above.  
 3220-3225 Gray lime and black sand, fine grain  
 3225-3230 Light gray lime, black sand, fine grain  
 3230-3240 Light gray soft sandy lime, fine grain  
 3240-3250 Dark gray soft sandy lime, fine grain  
 3250-3255 Dark gray coarse sandy lime, coarse grain  
 3255-3285 Dark gray sandy lime, medium grain  
 3285-3290 Gray lime, some fine grain sand  
 3290-3295 Light gray lime, sandy medium grain chert pebbles  
 3295-3300 Dark gray sandy lime, medium grain  
 3300-3305 Dark gray sandy lime, fine grain  
 3305-3310 Gray sand lime, fine grain  
 3310-3315 Light gray sandy lime, fine grain  
 3315-3335 Gray sandy lime, fine grain  
 3335-3340 Dark gray lime, sand and chert, medium grain  
 3340-3350 Very dark gray lime, sandy, chert pebbles  
 3350-3355 Very dark gray lime, fine grain  
 3355-3360 Same as above with chert pebbles.  
 3360-3365 Coarse gray lime, much sand and chert gray and pink  
 3365-3370 Same as above  
 3370-3375 Coarse Dark gray sandy lime  
 3375-3380 Black sandy lime, coarse grain  
 3380-3390 Same as above.  
 3390-3400 Black sandy lime, some hard broken shale  
 Bottom 5:00 P.M., June 6, 1958

3400-3405 Dark sandy lime, (carbonaceous) some sand and chert  
 3405-3410 Same as above  
 3410-3415 Dark sandy lime, (carbonaceous) sand and fossil shale  
 3415-3420 Black sandy lime (carbonaceous) chert pebbles  
 3420-3425 Dark sandy lime, some brown shale  
 3425-3430 Dark sandy lime and fossil shale, medium fine grain  
 3430-3435 Dark sandy lime, chert pebbles, medium grain  
 3435-3445 Black carbonaceous lime, fine grain sand  
 3445-3460 Black fine grained sandy lime  
 3460-3465 Dark coarse grained sandy lime  
 3465-3470 Dark medium grained sandy lime  
 3470-3475 Dark coarse grained sandy lime  
 3475-3480 Dark fine grained sandy lime  
 3480-3485 Dark medium grained sandy lime  
 3485-3490 Black medium grained coarse sand and lime  
 3495-3510 Dark gray sandy lime, medium grain  
 3510-3515 Dark gray sandy lime, fine grain  
 3515-3520 Gray and black sandy lime, fine grain  
 3520-3525 Same as above.  
 3525-3540 Gray and black sandy lime, fine grained  
 3540-3545 Dark gray sandy lime, very fine grain  
 3545-3555 Gray sandy lime, some brown shale, chert pebbles.

Final T.D. 3570'

Phoenix, Arizona, October 9, 1957

Permit # 34

LOG OF SOUTHWEST OIL COMPANY

Davis - Clark No. 1 Lot 1, or NE or NE of Section 5, Twp, 21 S. Range 24 East,  
Cochise County, Arizona.

Ft.	
0-100	Valley fill. Sand clay-gravel
100-200	Gravel-sandstone. Shale brown to tan. Limey sand and pebbles mostly quartz. Some igneous crystals-near base.
200-300	Shale maroon and purple, some quartz grains, and sandy lime.
200-250	No samples taken 250-290.
290-300	Maroon shale, limey sand and sandstone. Permian.
300-400	Shale, pale purple-mostly non-limey 300-350. Shale purple, some quartz grains, pebbly shale showing some calcite fragments 350-400.
400-500	Lime strata 400-440. Purple and maroon. Shale 440-500.
500-600	Shale, pale purple and maroon 500-560. Hard gray lime-rounded fine gravel-broken lime 560-600.
600-700	No samples examined.
700-800	Medium grained, gray sandstone, some pale red shale 700-750. Gray to green silt, fine sandstone, some dark red 750-800.
800-900	Silt and shale-pale red 800-850. Fine medium grained sandstone some lime. (Arkoaic) 850-900.
900-1000	Dark gray-slightly Arkoaic sandstone-red and gray shale 900-950. Fine medium grained red sandstone - some quartz 950-1000.
1000-1100	Gray-pale red-sandstone. Mostly quartz grains 1000-1050. <u>Erp formation</u> , broken lime fragments 1050-1080. 1080-1100 no samples.
1100-1200	Fine grained sandstones and shale, shale-quartz grains-shale-quartz grains-shale, pale red to gray. 1100-1150, broken white line fragments. <u>Erp formations</u> 1150 - 1200.
1200 - 1300	Lime and shale, pale red sandstone dark gray, to pale red, 1200 - 1250, shale and limestone fine gray and sandy red shale 1250-1300.
1300-1400	Chert pebbles-light gray, hard chert, orange-gray shale 1300-1350 chert and shale, sandstone fine grained 1350-1400.
1400-1500	Sandstone fine grained 1400-1500, Limey shale-chert orange and gray 1450-1500.
1500-1600	Sandstone same as above, limestone gray to buff, hard, 1500-1550 chert pebbles and sandstone 1550-1600.
1600-1700	Chert pebbles, limestone same as above 1600-1650, silty limestone, tan soft limestone 1650-1700.
1700-1800	Red and brown silty limestone, sandy limestone, dense, 1700-1750 red and gray shale, some mica, silty limestone and chert 1750-1800.
1800-1900	Light gray chert, dense, limestone, not as silty as above, light gray silt and sandstone 1800-1850. Light gray silicified limestone, change to soft silty limestone, buff to gray chert, light gray clean sandstone 1850-1900.

1900 - 2000	<u>Paleozoic limestone</u> , pink and gray, reddish 1900-2000.
2000-2100	Light gray chert, some dolomite.
2100-2180	Limestone-shelly, white to light gray cherty, some dolomite 2100-2186.
2186-2200	Hard gray lime
2200-2212	Blue lime
2212-2220	Gray lime
2220-2228	Soft red lime
2222-2228	Hard Gray lime
2228-2235	Pink and gray lime
2235-2243	Red lime
2243-2245	Red shale and lime
2245-2250	Lime and shale
2250-2254	Lime and streaks of shale
2254-2265	Red and gray lime
2265-2273	Hard gray lime
2273-2285	Gray lime
2285-2297	Red lime
2297-2310	Gray lime
2310-2322	Red lime
2322-2337	Gray lime
2337-2347	Hard gray lime, with shale streaks
2347-2360	Hard gray lime
2360-2375	Gray lime
2375-2385	Hard gray lime
2385-2392	<u>Black carbon, (good show of gas, ) bubbles on bailings at 2395.</u>
2395-2405	Gray lime
2405-2420	Gray lime not hard
2420-2437	Hard gray lime
2437-2440	Red lime
2440-2450	Hard gray lime
2450-2455	Gray lime (Bottom)

Fossil identified: Triticites - 1315'  
Fuñalindes - 1410'

Changed to Rotary Rig.

Well Log Southwest Oil Co. Davis-Clark No. 1

Lot No. 1. NE. of NE, Sec. 5, Twp. 21 S. Range 24 E, Cochise County  
Bottom of Cable tool drilling.

2455	
No. sample	Rotary drilling equipment May 3, 1958, (6' drill bit) cuttings
2475-2485	Yellow sandy lime, coarse grained
2485-2494	Coarse gray and platy lime, medium hard
2494-2505	Coarse gray platy lime
2505-2510	Coarse hard gray lime, medium hard
2510-2517	Gray lime-coarse and platy
2517-2522	Same as above
2522-2527	Gray lime, medium fine grained
2527-2533	Dark gray, platy lime medium hard
2533-2538	Gray lime, platy, medium fine grain
2538-2543	Same as above.
2543-2548	Gray lime fine grained
2548-2553	Light gray lime fine grained
2553-2558	Gray lime fine grained
2558-2563	Same as above
2563-2568	Gray lime medium fine



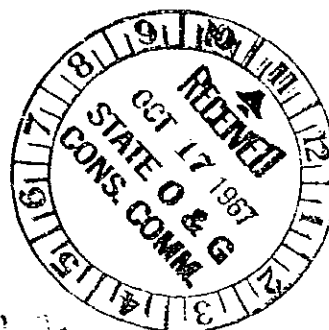
2568-2573	Gray lime fine grained
2573-2578	Dark gray lime medium fine
2578-2583	Gray lime, medium coarse
2583-2588	Gray lime medium, coarse (circulating)
2588-2593	Dark gray lime, medium coarse (circulating)
2593-2598	Dark gray lime medium
2598-2603	Dark gray lime coarse
2603-2608	Same as above.
2608-2613	Gray and brown lime medium
2613-2618	Dark gray lime and chert coarse
2618-2625	Same as above
2623-2628	Dark gray and brown lime and chert
2628-2633	Dark gray sandy lime, some chert pebbles
2633-2637	Dark gray sandy lime, chert pebbles
2637-2642	Dark gray sandy lime. <u>Stain and oil film (Ether test)</u>
2642-2647	Gray and yellow sand, <u>lime and chert (oil stain)</u>
2647-2652	Gray and brown sand, some lime and chert
2652-2657	Gray and brown sand and lime, chert pebbles
2657-2658	Gray lime fine grained
2658-2659	Gray and brown sand and lime, chert pebbles
2659-2660	Same as above.
2660-2665	Gray sandy lime, medium grained
2665-2670	Light gray sandy lime, fine grained, some chert and quartz crystals.
2670-2675	Light gray sandy lime
2675-2680	Light gray sandy lime, some Dolomite quartz crystals
2680-2685	Gray and white lime, fragments of <u>Marine fossil</u> , fine grain
2685-2690	Light gray lime, fine grain sandy
2690-2695	Light gray lime, fine grain sandy. some fossil shell
2695-2700	White and gray lime, some fossil shell
2700-2705	Light gray lime, medium to coarse
2705-2710	Light gray lime, shell fragments
2710-2715	Gray lime medium fine, shell fragments
2715-2720	Light gray lime coarse grain
2720-2725	Gray lime coarse
2725-2730	Light gray lime medium grain
2730-2735	Gray lime fine grain
2735-2740	Same as above
2740-2745	Light gray platy lime coarse grain
2745-2750	Same as above.
2750-2755	Light gray lime medium grain
2755-2760	Light gray lime, coarse platy
2760-2765	Gray sandy lime, some chert
2765-2770	Gray sandy lime medium fine grain
2770-2775	Same as above
2775-2780	Light gray sandy lime fine grain
2780-2785	Light gray flaky lime, brittle
2785-2790	Gray sandy lime, brittle and fine grain
2790-2795	Gray sandy lime, some pink
2795-2800	Gray and brown sandy lime, some chalk
2800-2805	Dark gray and brown lime-shell fragments
2805-2810	Dark gray sandy lime, shell fragments.
2810-2815	Gray lime, some pink-fine grain
2815-2820	Gray and pink sandy lime fine grain
2820-2825	Light gray sandy lime, fine grain
2825-2830	Same as above
2830-2835	Gray and brown sandy lime, medium grain
2835-2840	Gray and brown sandy lime, chert pebbles
2840-2845	Same as above.
2845-2850	Gray sandy lime, fine grain
2850-2855	Gray and brown sandy lime, medium grain
2855-2860	Light gray lime, fine grain
2860-2865	Light Gray lime, medium grain
2865-2870	Light gray chalky lime, fine grain

2870-2875	Light gray sandy lime
2875-2880	Gray lime, some chert, pebbles coarse
2880-2885	Dark gray and blue lime, coarse grain
2885-2890	Same as above
2890-2895	Dark blue lime, hard and coarse grained
2895-2900	Same as above
2900-2905	Dark gray lime, shell fragments
2905-2910	Gray and brown lime and fine grain yellow sand
2910-2915	Gray and brown sandy lime, fine grain
2915-2920	Gray sandy lime, very fine grain
2920-2925	Light gray lime sandy.
2925-2930	Light gray lime and fine sand
2930-2935	Gray and brown sandy lime, medium grain
2935-2940	Light gray and brown sandy lime
2940-2945	Light gray and brown sandy lime, medium grain
2945-2950	Gray and brown sandy lime
2950-2955	Dark gray lime, coarse grain
2955-2960	Dark gray lime, medium grain
2960-2965	Gray and brown sandy lime, medium
2965-2970	Dark gray sandy lime coarse grain
2970-2975	Coarse dark gray sandy lime and chert
2975-2980	Gray lime and chert pebbles and sandy
2980-2985	Coarse gray slabby lime
2985-2990	Light gray lime, medium grain
2990-2995	Light gray lime, chert pebbles
2995-3000	Light gray sandy lime, fine grain
3000-3005	Light gray lime, fine grain
3005-3010	Light gray sandy lime, very fine grain
3010-3015	Same as above.
3015-3020	Same as above.
3020-3025	Light gray and brown sandy lime, very fine grain
3025-3030	Gray sandy lime, fine grain
3030-3035	Same as above.
3035-3040	Light gray sandy lime, fine grain
3040-3045	Gray sandy lime, medium grain
3045-3050	Gray sandy lime, fine grain
3050-3055	Light gray sandy lime and chert, coarse grain
3055-3060	Light gray sandy lime, medium grain
3060-3065	Light gray sand lime, medium coarse grain
3065-3070	Light gray sandy lime, fine grain
3070-3075	Gray lime, sandy, medium grain
3075-3080	Same as above.
3080-3085	Same as above.
3085-3090	Same as above.
3090-3095	Dark gray sandy lime, fine grain
3095-3100	Same as above.
3100-3101	Dark gray lime, some chert and fossil shell
3101-3105	Gray sandy lime, fine grain
3105-3110	Dark gray sandy, lime, medium grain
3110-3115	Same as above.
3115-3120	Dark gray sandy lime
3120-3125	Gray sandy lime, fine grain
3125-3130	Same as above
3130-3135	Light gray sandy lime
3135-3140	Same as above
3140-3145	Light gray sandy lime, fine grain
3145-3150	Gray sandy lime, fine grain
3150-3155	Gray sandy lime, medium grain
3155-3160	Dark gray and black lime, medium grain
3160-3170	Dark sandy lime, medium grain
3170-3175	Black lime and carbon-medium grain
3175-3180	Gray and black lime, carbon, medium grain
3180-3185	Gray and black lime, fine grain

3185-3190 Same as above.  
3190-3195 Gray and black lime, coarse grain  
3195-3200 Gray and black coarse sandy lime  
3200-3205 Gray and black lime, medium grain and sand fine grain  
3205-3210 Gray and black lime, coarse grain, sand fine grain  
3210-3215 Dark sand lime, much sand, fine grain  
3215-3220 Same as above.  
3220-3225 Gray lime and black sand, fine grain  
3225-3230 Light gray lime, black sand, fine grain  
3230-3240 Light gray soft sandy lime, fine grain  
3240-3250 Dark gray soft sandy lime, fine grain  
3250-3255 Dark gray coarse sandy lime, coarse grain  
3255-3285 Dark gray sandy lime, medium grain  
3285-3290 Gray lime, some fine grain sand  
3290-3295 Light gray lime, sandy medium grain chert pebbles  
3295-3300 Dark gray sandy lime, medium grain  
3300-3305 Dark gray sandy lime, fine grain  
3305-3310 Gray sand lime, fine grain  
3310-3315 Light gray sandy lime, fine grain  
3315-3335 Gray sandy lime, fine grain  
3335-3340 Dark gray lime, sand and chert, medium grain  
3340-3350 Very dark gray lime, sandy, chert pebbles  
3350-3355 Very dark gray lime, fine grain  
3355-3360 Same as above with chert pebbles.  
3360-3365 Coarse gray lime, much sand and chert gray and pink  
3365-3370 Same as above  
3370-3375 Coarse Dark gray sandy lime  
3375-3380 Black sandy lime, coarse grain  
3380-3390 Same as above.  
3390-3400 Black sandy lime, some hard broken shale  
Bottom 5:00 P.M., June 6, 1958

3400-3405 Dark sandy lime, (carbonaceous) some sand and chert  
3405-3410 Same as above  
3410-3415 Dark sandy lime, (carbonaceous) sand and fossil shale  
3415-3420 Black sandy lime (carbonaceous) chert pebbles  
3420-3425 Dark sandy lime, some brown shale  
3425-3430 Dark sandy lime and fossil shale, medium fine grain  
3430-3435 Dark sandy lime, chert pebbles, medium grain  
3435-3445 Black carbonaceous lime, fine grain sand  
3445-3460 Black fine grained sandy lime  
3460-3465 Dark coarse grained sandy lime  
3465-3470 Dark medium grained sandy lime  
3470-3475 Dark coarse grained sandy lime  
3475-3480 Dark fine grained sandy lime  
3480-3485 Dark medium grained sandy lime  
3485-3490 Black medium grained coarse sand and lime  
3495-3510 Dark gray sandy lime, medium grain  
3510-3515 Dark gray sandy lime, fine grain  
3515-3520 Gray and black sandy lime, fine grain  
3520-3525 Same as above.  
3525-3540 Gray and black sandy lime, fine grained  
3540-3545 Dark gray sandy lime, very fine grain  
3545-3555 Gray sandy lime, some brown shale, chert pebbles.

Final T. D. 3570'



Phoenix Arizona October 17, 1967

Stratigraphic Column

Davis-Clark No. 1 Lot 1, on N. 1/4 of E. 1/4 of Section 8, T. 11 N., R. 11 E., Range 24 East, Coconino County Arizona

Ft.

0-100- Valley Fill. Sand clay-gravel

100-200 Gravel-sand stone. Shale brown to tan. limy sand and pebbles mostly quartz. Some limous crystals-near base.

200-300 Shale maroon and purple, some quartz grains, and sandy lime

200-250 No samples taken 250-290

290-300 maroon shale, limy sand and sandstone. Laminar.

300-400 Shale. pale purple-mostly non limy 300-350. Shale purple, some quartz grains, pebbly shale showing some calcite fragments 350-400

400-500 Lime strata- 400-440. purple and maroon. Shale 440-500.

500-600 Shale, pale purple and maroon-500-550. Hard gray lime-rounded fine gravel-broken lime 550-600.

600-700 No samples examined.

700-800 Medium grained, gray sandstone, some pale red shale 700-750. gray to green silt, fine sandstone, some dark red 750-800.

800-900 Silt and shale-pale red 800-850. fine medium grained sandstone some lime. (Arkose) 850-900.

900-1000 Dark gray-slightly Arkose sandstone-red and gray shale

900-950. fine medium grained red sandstone-some quartz 950-1000.

1000-1100 Gray-pale red-sandstone. Mostly quartz grains 1000-1050.

Ark formation broken lime fragments-1050-1080. 1080-1100 no samples.

1100-1200 Fine grained sandstones and shale, shale-quartz grains-

shale pale red to gray. 1100-1150, broken white lime fragments.

Ark formations 1150-1200.

1200-1300 Lime and shale. pale red sandstone dark gray, to pale red.

1200-1250 shale and limestone fine gray and sandy red shale 1250-1300.

1300-1400 chert pebbles-light gray, hard chert. orange-gray shale

1300-1350 chert and shale, sandstone fine grained 1350-1400

1400-1500 Sandstone fine grained 1400-1500, limy shale-chert orange and gray 1450-1500.

1500-1600 Sandstone same as above, limestone gray to buff, hard.

1500-1550 chert pebbles and sandstone 1550-1600.

-3-

1600-1700 Chert pebbles, limestone same as above 1600-1650, silty limestone, then soft limestone 1650-1700.

1700-1800 Red and brown silty limestone, sandy limestone, dense, 1700-1750 Red and gray shale, some mica, silty limestone and chert 1750-1800.

1800-1900 Light gray chert, dense, lime tone, not as silty as above, light gray silt and sandstone 1800-1850. light gray silicified limestone, change to soft silty limestone, buff to gray chert, light gray clean sandstone 1850-1900.

1900-2000 Paleozoic limestone pink to gray, redish 1900-2000.

2000-2100 Light gray chert, some dolomite 2000-2100.

2100-2180 Limestone-shelly, white to light gray cherty, some dolomite 2100-2180.

2180-2200 Hard gray lime

2200-2212 Blue lime

2212-2220 Gray lime

2220-2222 Soft red lime

2222-2228 Hard gray lime

2228-2235 Pink and gray lime

2235-2243 Red lime

2243-2245 Red shale and lime

2245-2250 Lime and shale

2250-2254 Lime and streaks of shale

2254-2265 Red and gray lime

2265-2273 Hard gray lime

2273-2285 Gray lime

2285-2297 Red lime

2297-2310 Gray lime

2310-2322 Red lime

2322-2337 Gray lime

2337-2347 Hard gray lime, with shale streaks

2347-2360 Hard gray lime

2360-2375 Gray lime

2375-2387 Hard gray lime

2385-2395 Black carbon, (good show of gas) & Bubbles on boilings at 2385.

2395-2405 Gray lime

2405-2420 Gray lime, not hard

2420-2430 Red lime

-3-

2437-2440 Red lime  
2440-2450 Hard gray lime  
2450-2455 Gray lime (Bottom)

Fossil identified    Tritocites- 1315'  
                          Pneulindos- 1410

Casing Record

Changed to Rotary Rig.

21

Well Log Southwest Oil Co. Davis-Clerk No. 1  
 Lot No. 1 NE of NW Sec. 8, Twp 21S, Range 1E, Lincoln County  
 Bottom of cable to 1 drilling.

2455

No sample Rotary drilling equipment May 7, 1934. 18' drill bit;  
 cappings

2475-2485 Yellow sandy lime, coarse grained  
 2485-2494 Coarse gray and platy lime, medium hard  
 2494-2505 Coarse gray platy lime  
 2505-2510 Coarse dark gray lime, medium hard  
 2510-2517 Gray lime-coarse and platy  
 2517-2522 " " " " "  
 2522-2527 Gray lime, medium fine grained  
 2527-2535 Dark gray, platy lime medium hard  
 2535-2539 Gray lime, platy, medium fine grain  
 2539-2542 " " " " "  
 2542-2543 Gray lime fine grained  
 2543-2553 Light gray lime fine grained  
 2553-2558 Gray lime fine grained  
 2558-2563 " " " " "  
 2563-2568 Gray lime medium grained  
 2568-2573 " " fine grained  
 2573-2578 Dark gray lime medium fine  
 2578-2583 Gray lime medium coarse  
 2583-2588 Gray lime, medium coarse  
 2588-2593 dark gray lime  
 2593-2598 " " " Medium  
 2598-2603 " " " Coarse  
 2603-2608 " " " "  
 2608-2613 Gray and brown lime medium  
 2613-2618 dark gray lime and chert coarse  
 2618-2623 " " " " "  
 2623-2628 Dark gray and brown lime and chert  
 2628-2633 Dark gray sandy lime, some chert pebbles  
 2633-2637 " " " " "  
 2637-2642 " " " " " Stain & Oil film (Other lost)  
 2642-2647 Gray and yellow sand, lime & chert (oil stain)  
 2647-2652 " Gray and brown sand, lime and chert  
 2652-2657 " " " " and lime, chert pebbles  
 2657-2662 gray lime fine grained  
 2662-2667 Gray and brown sand & lime, chert pebbles  
 2667-2670 " " " " "  
 2670-2675 light gray sandy lime  
 2675-2680 " " " " "  
 2680-2685 Gray and white lime, fragments of marine fossils, fine grain  
 2685-2690 light gray lime, fine grain sandy  
 2690-2695 " " " " " some fossil shell  
 2695-2700 White and gray lime, some fossil shell

-2-

2700-2705 light gray lime, medium to coarse  
 2705-2710 " " " " all fragments  
 2710-2715 gray lime medium fine, shell fragments  
 2715-2720 light gray lime coarse grain  
 2720-2725 gray lime coarse  
 2725-2730 light gray lime medium grain  
 2730-2735 gray lime fine grain  
 2735-2740 " " " " "  
 2740-2745 light gray platy lime coarse grain  
 2745-2750 " " " " "  
 2750-2755 " " " " medium grain  
 2755-2760 " " " " lime, coarse platy  
 2760-2765 gray sandy lime, some chert  
 2765-2770 " " " " medium fine grain  
 2770-2775 " " " " "  
 2775-2780 light gray sandy lime fine grain  
 2780-2785 " " " " platy lime, brittle  
 2785-2790 gray sandy lime, brittle and fine grain  
 2790-2795 " " " " some pink  
 2795-2800 gray and brown sandy lime, some chert  
 2800-2805 dark gray and brown lime-shell fragments  
 2805-2810 dark gray sandy lime  
 2810-2815 gray lime, some pink-fine grain  
 2815-2820 gray and pink sandy lime fine grain  
 2820-2825 light gray sandy lime  
 2825-2830 " " " " "  
 2830-2835 gray and brown sandy lime, medium grain  
 2835-2840 " " " " " chert pebbles  
 2840-2845 " " " " " "  
 2845-2850 gray sandy lime fine grain  
 2850-2855 gray and brown sandy lime, medium grain  
 2855-2860 light gray lime fine grain  
 2860-2865 " " " " medium grain  
 2865-2870 light gray chalky lime fine grain  
 2870-2875 " " " " sandy lime  
 2875-2880 gray lime some chert, pebbles coarse  
 2880-2885 dark gray and blue lime coarse grain  
 2885-2890 " " " " " "  
 2890-2895 dark blue lime, hard and coarse grain  
 2895-2900 " " " " " "  
 2900-2905 dark gray lime, shell fragments  
 2905-2910 gray and brown lime and fine grain yellow sand  
 2910-2915 gray and brown sandy lime, fine grain  
 2915-2920 gray sandy lime, very fine grain  
 2920-2925 light gray lime sandy  
 2925-2930 light gray lime and fine sand  
 2930-2935 gray and brown sandy lime medium grain  
 2935-2940 light gray and brown sandy lime  
 2940-2945 " " " " " "  
 2945-2950 gray and brown sandy lime  
 2950-2955 dark gray lime, coarse grain  
 2955-2960 " " " " medium grain  
 2960-2965 gray and brown sandy lime medium grain  
 2965-2970 dark gray sandy lime coarse grain





-4-

3240-3250 Dark gray soft sandy lime, fine grain  
3250-3255 Dark gray coarse sandy lime, coarse grain  
3255-3265 Dark gray sandy lime, medium grain  
3265-3290 Gray lime, some fine grain sand  
3290-3295 Light gray lime, some fine grain sand  
3295-3300 Dark gray sandy lime, medium grain  
3300-3305 " " " " fine grain  
3305-3310 Gray sandy lime, fine grain  
3310-3315 Light gray sandy lime, fine grain  
3315-3325 Gray sandy lime, fine grain  
3325-3340 Dark gray lime, sand and chert medium grain  
3340-3350 Very dark gray lime, sandy, chert pebbles  
3350-3355 Very dark gray lime, sandy, fine grain  
3355-3360 " " " " " " and chert pebbles  
3360-3365 Coarse gray lime, much sand and chert gray and pink  
3365-3370 " " " " " " " " " "  
3370-3375 Coarse dark gray sandy lime  
3375-3380 Black sandy lime, coarse grain  
3380-3390 " " " " "  
3390-3400 Black sandy lime, some hard broken shale  
3400-3405 Dark sandy lime, (carbonaceous) some sand and chert  
3405-3410 " " " " " " " "  
3410-3415 Dark sandy lime, " sand and fossil shale  
3415-3420 Black sandy lime " chert pebbles  
3420-3425 Dark sandy lime, some brown shale  
3425-3430 " " " and fossil shale, medium fine grain  
3430-3435 Dark sandy lime, chert pebbles medium grain

-5-

3435-3445 Black carbonaceous lime, fine grain sand  
3445-3460 Black fine grained sandy lime  
3460-3465 Dark coarse grained sandy lime  
3465-3470 Dark medium grained sandy lime  
3470-3475 Dark coarse grained sandy lime  
3475-3480 Dark fine grained sandy lime  
3480-3485 " Medium " " "  
3485-3490 Black medium grained coarse sand and lime  
3490-3495 " " " fine sandy  
3495-3510 Dark gray sandy lime, medium grain  
3510-3515 " " " " fine grain  
3515-3520 Gray and black sandy lime, fine grain  
3520-3525 " " " " " "  
3525-3540 Gray and black sandy lime, fine grain  
3540-3545 Dark gray sandy lime, very fine grain  
3545-3555 Gray sandy lime, some brown shale, chert pebbles

Total Depth - 3555  
E R Robinson

STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit  
must be granted before drilling begins

Phoenix

Ariz.

June 25

19 56

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our  
intention to commence the work of drilling well No. 1 Sec. 5,  
T. 21 S, R. 24 E, QASR B. & M.,          Field,  
Cochise County.

Legal description of lease See attached map.  
(Attach map or plat to scale)

Location of Well: NE 1/4 Sec. 5, Township 21 South, Range 24 E,  
(Give exact footage from section corners or other  
Cochise County, Arizona.

Proposed drilling depth Unknown feet. Acres in drilling unit 4,000. Has  
surety bond been filed? herewith. Is location a regular or exception to  
spacing rule? Regular - Large 40.

Elevation of ground above sea level approximately 4,600 feet.

All depth measurements taken from top of Will be taken from Derrick floor,  
(Derrick floor, Rotary Table or Kelly  
approximately  
1 1/2 feet above the ground.

Bushing)

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
Inches A.P.I.					
1 joint of 16 inch I.D. pipe, approximately 32 feet long will be cemented. Surface casing will be set and cemented to depths sufficient to penetrate below first water zones and all subsequent water zones will be cased and cemented.					

Intended Zone or Zones of completion:

Name Unknown Perforated Interval  
Wildcatting

AFFIDAVIT:

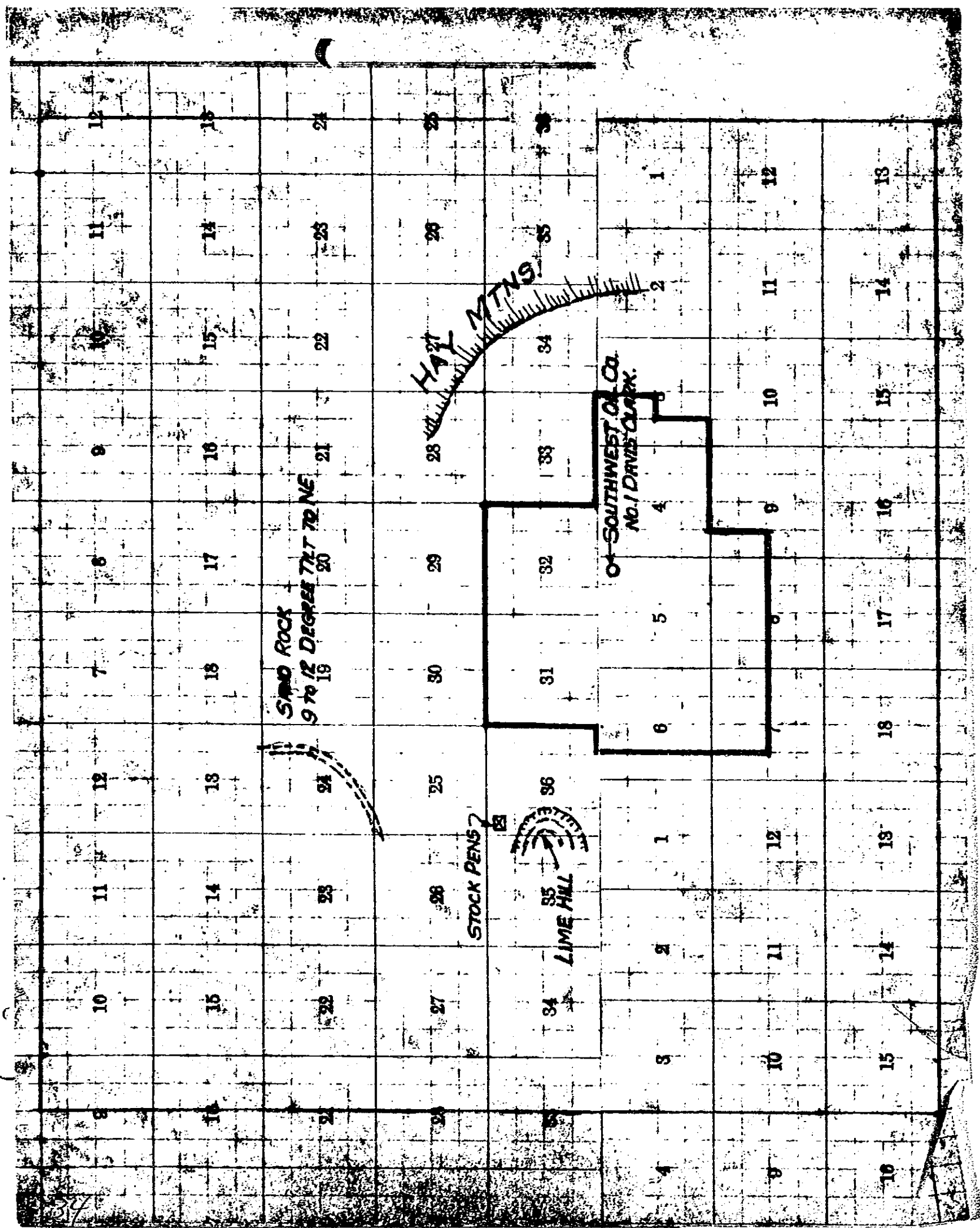
I hereby certify under the penalty of perjury, that the information contained  
and statements herein made are to the best of my knowledge and belief, true, correct  
and complete.

(Applicant) E. R. Robinson  
By E. R. Robinson, President

Application approved this 6th day of July 1956

Permit NO. 34

[Signature]  
State Land Commissioner



OFFICE PHONE HEMLOCK 2-8101

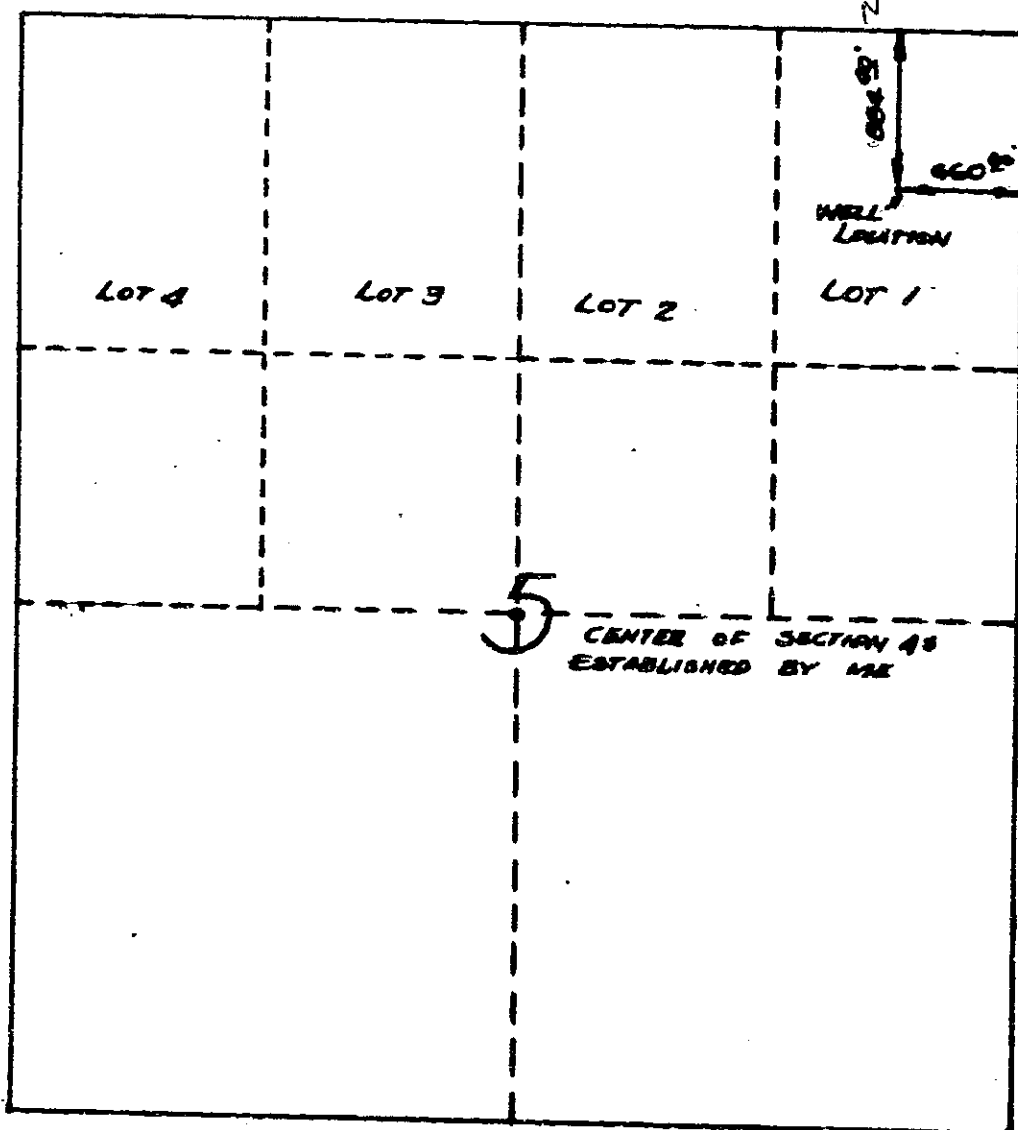
HOME PHONE HEMLOCK 2-4004

RICHARD D. RIDDELL  
REGISTERED MINING ENGINEER  
STATE OF ARIZONA  
MEMBER A. I. M. E.  
P. O. BOX 789 RISSER, ARIZONA

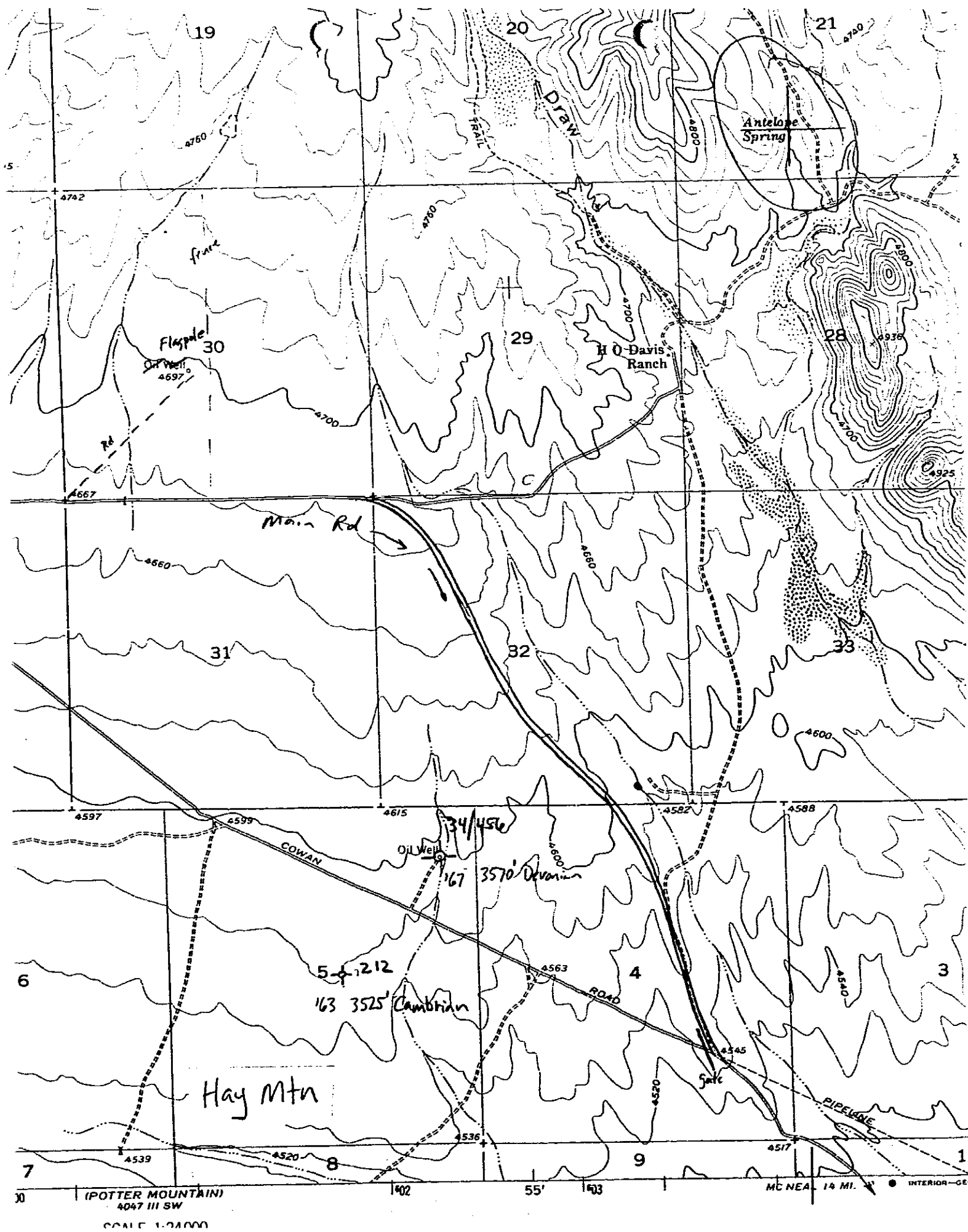


MR E. R. ROBISON  
Box 1981  
PHOENIX, ARIZONA.  
DEAR Sir:

ENCLOSED PLEASE FIND THE DATA AS  
REQUESTED IN YOUR LETTER:



T21S R24E G4S RB4M



Re: Oil and Gas Potential - Activity in Cochise County, AZ

**Subject: Re: Oil and Gas Potential - Activity in Cochise County, AZ**

**Date: Mon, 16 Oct 2000 15:40:57 -0700**

**From: Steve Rauzi <Rauzi\_Steve@pop.state.az.us>**

**To: "Robinson, Charles E.D." <robinsc2@bp.com>**

*file 34*

Larry,

Charles,

I have no record of any wells drilled in 19s-23e but Phillips drilled the 1A Tombstone State in 14-20s-23e to a depth of 10561 ft in 1981. The well was planned to go to 20,000 ft but they got stuck it was abandoned early with a big fish in the hole. I'd have to look at the well file for the exact particulars but as I recall the Phillips well entered Cretaceous went through some granite or quartzite and back into Cretaceous where it was plugged. As a result, the Phillips well did not test the underlying (if present) Paleozoic rocks. In 1963, Mountain States Exploration drilled through ~1000 ft of black Cretaceous shale in its 1A state in 29-19s-18e.

Kenneth Smith, geologist with Continental Oil Co. (at the time), reported scattered oil shows in dense to fairly porous limestone, with poor to fair fluorescence and cut between 2195-2655 ft and 450 ft of oil cut mud in a DST of the interval 2570-90 ft in the nearby Southwest Oil Company 1 Davis-Clark in 5-21s-24e. The Southwest well was drilled in 1958.

I believe there is higher-risk potential (higher risk but bigger potential) in southeast Arizona where Paleozoic rocks of the Pedregosa Basin and Cretaceous rocks of the Bisbee Basin are preserved in down-faulted graben in this area.


I have attached a few references about southeastern Arizona. You may also find OG-6, OG-10, OG-12, and OG-24 of interest. Information about these may be found at <http://www.azgs.state.az.us/azgs-pubs-oil.htm>. I could fax Mr. Smith's letter to you if you are interested.

Steve

Oil & Gas Administrator  
416 W. Congress #100  
Tucson AZ 85701  
520-770-3500 fax 520-770-3505

"Robinson, Charles E.D." wrote:

> Steve -  
>  
> I was given your name by geologist Bill Auby, at the BLM. Are you aware of  
> any oil and gas activity in Cochise County? Bill advised me that the BLM  
> had issued some oil and gas leases in 1998 in the area of 19S-23E and  
> 20S-23E. Geologically speaking, in your opinion is there any potential in  
> this area for oil and gas? Have any papers or articles been published on  
> this subject?  
>  
> Thanks for your input.  
>  
> Charles Robinson  
> BP Amoco  
> 281 366-3472

 Pedregosa.doc	<b>Name:</b> Pedregosa.doc <b>Type:</b> Microsoft Word Document (application/msword) <b>Encoding:</b> base64
---	--



Oil and Gas Potential - Activity in Cochise County, AZ

**Subject: Oil and Gas Potential - Activity in Cochise County, AZ**  
**Date:** Tue, 10 Oct 2000 11:07:18 -0500  
**From:** "Robinson, Charles E.D." <robinsc2@bp.com>  
**To:** "Rauzi\_Steve@pop.state.az.us" <Rauzi\_Steve@pop.state.az.us>

Steve -

I was given your name by geologist Bill Auby, at the BLM. Are you aware of any oil and gas activity in Cochise County? Bill advised me that the BLM had issued some oil and gas leases in 1998 in the area of 19S-23E and 20S-23E. Geologically speaking, in your opinion is there any potential in this area for oil and gas? Have any papers or articles been published on this subject?

Thanks for your input.

Charles Robinson  
BP Amoco  
281 366-3472

ARIZONA GEOLOGICAL  
SURVEY

416 W. CONGRESS, SUITE 100, TUCSON, AZ 85701

**FAX**

State of Arizona  
Arizona Geological Survey  
416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Feltner  
Director and Chief Geologist

Date:

1-20-98

Number of pages including cover sheet:

6

To:

Frank Nelson

Freeport Expt.

Phone:

Fax phone:

742-7280

CC:

From:

Steve Rauzi

Phone:

(520) 770-3500

Fax phone:

(520) 770-3505

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

5 page drillers lith log.



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

April 1, 1996

Mr. Alan Byron  
Byron Oil Industries  
1302 Clarkson Clayton Center  
Ballwin, MO 63011

*file 34*

Dear Mr. Byron:

The information we talked about this morning is enclosed. This information supplements the articles by Keith and Reif & Robinson previously sent and includes

- (1) selected references on the overthrust play in Arizona,
- (2) list of our oil & gas publications,
- (3) completion report and condensed mud log for Phillips Tombstone well,
- (4) Moulton's (?) SW-NE cross-section through the Phillips Tombstone well,
- (5) Kenneth Smith's memo about oil-cut mud in the Southwest Oil well,
- (6) 1976 article on Jurassic salt of hingeline area by Hansen,
- (7) 1980 article on Utah-Arizona overthrust by Hansen, Moulton, and Owings,
- (8) Moulton's resume,
- (9) Cochise County well location map, and
- (10) my March 1995 summary of oil and gas potential in Arizona.

As I noted this morning, Ed Heylmun (local consulting geologist) pointed out a nw-trending lineament on landsat imagery that passes through the Phillips well, the Southwest Oil well, and the Double Adobe area of southern Springs Valley. Ed's phone number is (520) 327-3980 in case your interested in his take on the significance of this lineament and potential for oil and gas in southeastern Arizona.

Let me know if I may be of further assistance.

Sincerely,

*Steven L. Rauzi*

Steven L. Rauzi  
Oil and Gas Program Administrator

Enclosures



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

September 29, 1995

Mr. Gus Berry  
P. O. Box 730  
Okmulgee, Oklahoma 7447

*file 34*

Dear Gus,

Thank you for calling about activity in Cochise County today. I'm writing to let you know our new address and send you a report I prepared in March to document oil and gas potential in Arizona. Both the leasing activity near San Simon and the 450 feet of oil-cut mud reported in the Southwest Oil Co. well near Tombstone are noted in the Pedregosa Basin section of the report.

Interestingly enough, an individual stopped in my office in May to ask me about the two "oil wells" near Tombstone shown on the 1:24,000-scale Hay Mountain topographic map (copy enclosed). Well, the "oil well" shown in ne ne Sec. 5, T. 21 S., R. 24 E. is the Southwest Oil Co. well. The "oil well" shown in ne se Sec. 30, T. 20 S., R. 24 E., on the other hand, was something I had absolutely no record of so I drove out a few days later to check it out. As it turned out, the "oil well" shown in section 30 is a 20-foot flagpole! Since the map was field checked in 1956-7, the same date the Southwest Oil Co. well was drilled, my guess is that the flagpole marked Southwest Oil's second location and that they probably advised the USGS people of this fact when they were doing the field check for the map. A broad anticline of Paleozoic carbonate rocks is clearly visible in the mountains to the west.

In any event, I'm bringing this to your attention because it may be of interest to you and more importantly, the flagpole may still be a good place to drill a follow-up to the Southwest Oil Co. hole. A few of my business cards are enclosed.

Sincerely,

*Steve*

Steven L. Rauzi  
Oil & Gas Program Administrator

Enclosures



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

September 21, 1995

34

Mr. John H. Buzard  
1416 East Blacklidge Drive  
Tucson, Arizona 85719

Dear John:

It was interesting that you called about the oil wells shown on the Hay Mountain 7.5 topo sheet, especially since I had a similar inquiry several months ago. After the first inquiry, a local consulting geologist and I went into the field to check it out. I recorded the results of that field check in a memo, which I have enclosed with this note. The "oil well" in section 30 is a flagpole! A copy of the topo sheet with my notes and a 1959 summary of the Southwest Oil Company well in ne ne section 5 by Kenneth G. Smith are also enclosed.

Mr. Kenneth G. Smith is listed as an independent in the 1994 AAPG membership directory. His address is 3883 Turtle Creek Blvd, Suite 1904, Dallas TX 75219-4403, phone (214) 669-8171.

Don't hesitate to contact me if I may be of further assistance.

Sincerely,

Steven L. Rauzi  
Oil & Gas Program Administrator

Enclosures

Permit 34

**MEMORANDUM TO FILE**

**DATE:** May 5, 1995

**FROM:** Steven L. Rauzi *SLR*  
Oil and Gas Program Administrator

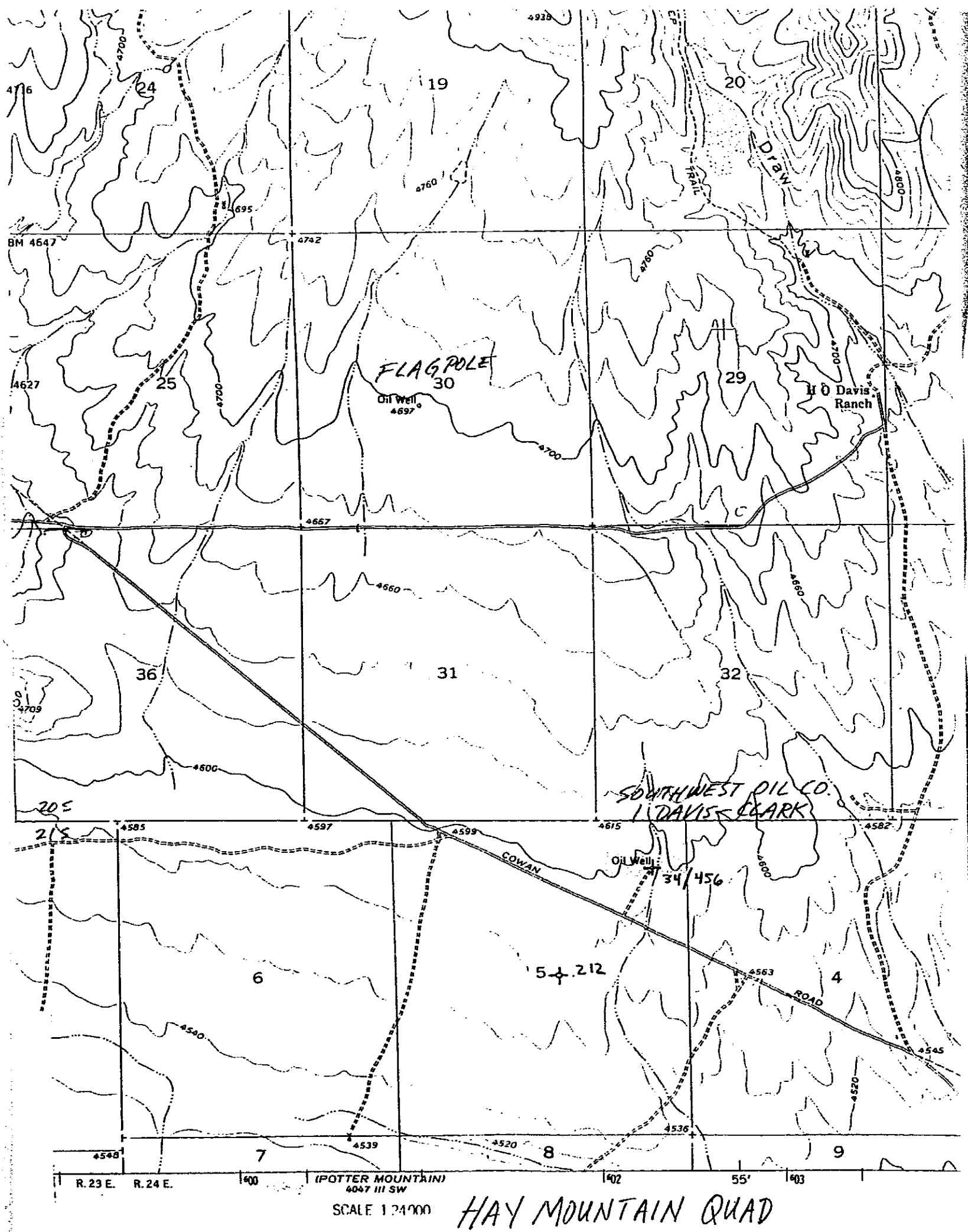
**SUBJECT:** Oil well shown on 1957 Hay Mountain 7.5-minute topographic map  
NE NE SW Sec. 30, T. 20 S., R. 24 E., Cochise County

Ed Heylmun and I field checked this "oil well" on May 4, 1995. What is shown as an "oil well" on the 7.5-minute Hay Mountain topographic map is in reality a 20-foot flagpole.

The Southwest Oil Co. 1 Davis-Clark was drilled in 1956-57 in section 5, T. 21 S., R. 24 E., about 2 miles southeast of the flagpole. This well was drilled on a 4,000-acre drilling block and it is possible the flagpole marked a location for a second well.

Topography of the 1957 Hay Mountain Quadrangle was taken from aerial photographs taken in 1956 and field checked in 1957. Since the Southwest Oil Co. 1 Davis-Clark was drilled in 1956-57, it is possible the USGS was advised that the flagpole marked a second well location or the USGS mistook the flagpole as an oil well based on activity at the Southwest Oil Co. 1 Davis-Clark well 2 miles to the southwest.

In any event, what is shown as an "oil well" on the 1957 Hay Mountain 7.5-minute topographic quadrangle map is in reality a 20-foot flagpole.



# MARYLAND CASUALTY COMPANY

H. ELLSWORTH MILLER, PRESIDENT

W. J. BUFFINGTON  
RESIDENT MANAGER

PHOENIX OFFICE  
P. O. Box 7006 111 W. Osborn Road  
PHOENIX, ARIZONA 85011  
Phone: 277-4711

June 16, 1965

Oil & Gas Conservation Commission  
1624 West Adams - Room 202  
Phoenix, Arizona 85007

Attention: Mr. John Bannister  
Executive Secretary

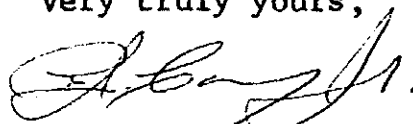
Gentlemen:

Re: Southwest Oil Company  
Davis-Clard No. 1 Well  
Our Bond No: 92-377933

In reply to your letter of June 4 attached you will  
find a copy of the bond for the above captioned.

Mr. Sexton who signed the bond is no longer with us,  
but at that time he had Power of Attorney for our com-  
pany.

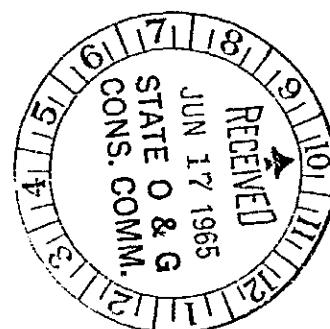
Very truly yours,



P. J. Canney, Jr.  
Bond Department

PJC:db

Enclosure



Affiliated Companies: NORTHERN INSURANCE COMPANY OF NEW YORK • ASSURANCE COMPANY OF AMERICA  
AUTOPLAN INSURANCE COMPANY • MAINE BONDING AND CASUALTY COMPANY • VALIANT INSURANCE COMPANY



June 16, 1965

Oil & Gas Conservation Commission  
1624 West Adams - Room 202  
Phoenix, Arizona 85007

Attention: Mr. John Bannister  
Executive Secretary

Gentlemen:

Re: Southwest Oil Company  
Davis-Clard No. 1 Well  
Our Bond No: 92-377933

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Mr. Sexton who signed the bond is no longer with us,  
but at that time he had Power of Attorney for our com-  
pany.

Very truly yours,

P. J. Canney, Jr.  
Bond Department

PJC:db

Enclosure

STATE OF ARIZONA

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona

County of Maricopa

KNOW ALL MEN BY THESE PRESENTS:

That we, SOUTHWEST OIL CO., an Arizona corporation,  
hereinafter called Principal, and MARYLAND CASUALTY COMPANY,  
hereinafter called the Surety, are held and firmly bound unto the State of  
Arizona in the sum of Twenty-Five Hundred Dollars (\$2,500) for the payment of  
which the Principal and Surety bind themselves, their heirs, executors, ad-  
ministrators, successors and assigns, jointly and severally, firmly by these  
presents.

Whereas the Principal has obtained a permit from the State Land  
Commissioner to drill a well in search of oil or gas, and whereas said Princi-  
pal is required by provisions of the Oil and Gas Conservation Act of 1951 to  
deposit with the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such  
that if the Principal shall drill, case and plug said well drilled by said  
Principal in such manner as to prevent the escape of oil or gas from one  
stratum to another and to prevent the intrusion of water into an oil or gas  
stratum from a separate stratum, and to prevent the pollution of fresh water  
supplies by oil, gas or salt water and in such manner as to prevent waste,  
and shall make such reports to the Commissioner as are required by the Oil  
and Gas Conservation Act of 1951 by said Principal, and shall file the log  
and drilling record kept by said Principal within six (6) months from the  
time of the completion or abandonment of said well drilled for oil or gas  
and shall plug the same in the manner provided by the rules and regulations  
adopted by said Commissioner, then this obligation to be null and void,  
otherwise to be and remain in full force and effect.

Witness our hands and seals this 25<sup>th</sup> day of June, 1956.

SOUTHWEST OIL CO., a corporation

E. R. Robinson  
Principal & Treasurer, President

MARYLAND CASUALTY COMPANY  
BY: James H. Sexton, Attorney-in-Fact

James H. Sexton  
Surety

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 1956.

\_\_\_\_\_  
State Land Commissioner

June 4, 1965

Maryland Casualty Company  
111 West Osborn Road  
Phoenix, Arizona

Re: The Southwest Oil Company Davis-Clard #1  
Well NE/4-NE/4 5-T21S0R24E, Cochise County, Arizona  
Our file #34

Gentlemen:

On July 6, 1956, one of your offices issued a bond to the State of Arizona covering the operation of the Southwest Oil Company (E. R. Robinson, President). The exact location of this well is 660 feet from the east line and 984 feet from the north line of said section, township, and range. This bond is still active.

We would appreciate very much your help in securing a copy of said bond and applicable power-of-attorney for this office. Our records do not reflect a bond number.

If there is further information which we may furnish you to enable you to fulfill this request, will you please advise.

We have the following addresses for Mr. E. R. Robinson:

Box 1981, Phoenix, Arizona  
336 West Rose Lane, Phoenix, Arizona

Your earliest cooperation is very much appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
cb



OFFICE OF

**Oil and Gas Conservation Commission**

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

JACK WILLIAMS  
GOVERNOR  
LYNN LOCKHART  
CHAIRMAN  
LUCIEN B. OWENS  
VICE CHAIRMAN  
HIRAM S. CORBETT  
MEMBER  
GEORGE T. SILER  
MEMBER  
KENNETH G. BENTSON  
MEMBER

JOHN BANNISTER  
EXECUTIVE SECRETARY  
J. R. SCURLOCK  
PETROLEUM GEOLOGIST

October 17, 1967

Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Attention: Mr. Peter C. Bianco, President

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Maryland Casualty Company Bond 92-377933

Gentlemen:

All data and reports required by this Commission's rules and regulations have been submitted.

This letter then constitutes permission from this Commission to terminate captioned bond effective this date.

Very truly yours,

*John Bannister*  
John Bannister  
Executive Secretary  
mr

cc: Maryland Casualty Company, P.O. Box 7006, Phoenix, Ariz.

34

October 5, 1967

Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Attention: Mr. Peter C. Bianco, President

Re: Southwest Oil Co. #1 Davis-Clark well  
NE 1/4 5-21S-24E, Cochise County, Arizona  
Permit 34

Maryland Casualty Company Bond 92-377933

Gentlemen:

By letter dated July 25, 1967 this office advised that the Well Completion Report (Form 4) must be filed with this office. This final report has not been received.

If this report is not received on or before October 23, 1967 we will have no alternative but to go to the bonding company to secure compliance with our regulations.

For your convenience we are again enclosing a copy of our Form 4.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

cc: Maryland Casualty Company, P O Box 7006, Phoenix

DEPARTMENT OF LAW  
OFFICE OF THE  
**Attorney General**  
STATE CAPITOL  
Phoenix, Arizona 85007

DARRELL F. SMITH  
THE ATTORNEY GENERAL  
WILLIAM E. EUBANK  
CHIEF ASSISTANT ATTORNEY GENERAL

July 27, 1967

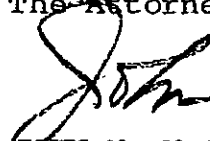
John Bannister, Executive Secretary  
OIL AND GAS CONSERVATION COMMISSION  
1624 West Adams  
Phoenix, Arizona 85007

Dear Mr. Bannister:

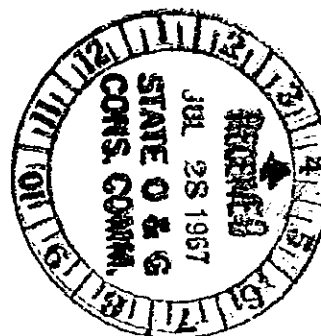
Thank you for the copy of your letter of July 25, 1967, addressed to Southwest Oil Company regarding Southwest Oil Co. #1 Davis-Clark Well, NE NE 5-21S-24E, Cochise County, Arizona, Permit 34, Maryland Casualty Company Bond 92-377933.

Sincerely,

DARRELL F. SMITH  
The Attorney General

  
JOHN M. MCGOWAN  
Special Assistant Attorney General

JMM:cah



July 25, 1967

Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Attention: Mr. Peter C. Bianco, President

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Maryland Casualty Company Bond 92-377933

Gentlemen:

Receipt is acknowledge of the water well acceptance form executed by Mr. Houston Davis, P.O. Box 368, Tombstone, Arizona, dated July 21, 1967. This water well acceptance form will serve in lieu of plugging this well.

It will be necessary that the Well Completion Report (Form 4), enclosed with our letter of July 11, 1967, be completed and returned to this Commission. Upon receipt of this form our file can be closed and the bond released.

Should you have any questions, would you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: The Attorney General, 159 The Capitol, Phoenix, Arizona  
Maryland Casualty Co., Attention Mr. V. Rhue, P.O. Box 7006,  
Phoenix, Arizona 85001

31

32 x 1

DEPARTMENT OF LAW  
OFFICE OF THE  
**Attorney General**  
STATE CAPITOL  
Phoenix, Arizona 85007

DARRELL F. SMITH  
THE ATTORNEY GENERAL  
WILLIAM E. EUBANK  
CHIEF ASSISTANT ATTORNEY GENERAL

July 13, 1967

Mr. John Bannister  
Executive Secretary  
OIL AND GAS CONSERVATION COMMISSION  
1624 West Adams  
Phoenix, Arizona 85007

Dear Mr. Bannister:

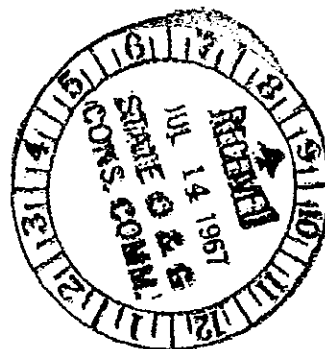
Thank you for the copy of your letter of July 11, 1967,  
to Southwest Oil Company regarding Southwest Oil Company  
#1 Davis-Clark Well NE NE 5-21S-24E, Cochise County,  
Arizona, Permit 34.

Sincerely,

DARRELL F. SMITH  
The Attorney General

  
JOHN M. MCGOWAN  
Special Assistant Attorney General

JMM:cah





July 11, 1967

Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Attention: Mr. Peter C. Bianco, President

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Maryland Casualty Company Bond 92-377933

Gentlemen:

On July 16, 1965 this Commission ordered that captioned well be plugged and abandoned in accordance with our Rules and Regulations. Since that time numerous extensions of time to this plugging order have been granted by this Commission to enable you to negotiate with another operator to assume activity on this well.

Inasmuch as no definite program has been presented to this Commission and inasmuch as no work has been commenced, this Commission feels that it can no longer consider this an active well nor grant any further extensions.

Consequently this Commission orders that this well be plugged in the following manner:

Cement shall be set from total depth of 3570 feet up to 3520 feet. Another plug shall be set from 465 feet to 505 feet, which brings the cement 10 feet into the casing. A cement plug shall be set from 20 feet up to the surface and the well shall be properly marked as required by the Rules and Regulations. Intervals between plugs shall be filled with heavy mud. Site must be cleaned up.

Plugging Record (Form 10, attached), Well Completion Report (Form 4, attached), copies of all logs, samples, and all

**INSTRUCTIONS TO DELIVERING EMPLOYEE**

☐ Deliver ONLY to addressee ☐ Show address where delivered  
(Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*Peter Bianco by Paul Bianco*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED *7-12-67*

SHOW WHERE DELIVERED (only if requested)

C35-16-71548-5-F GPO

CERTIFIED  
No. 231866

July 11, 1967

Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Attention: Mr. Peter C. Bianco, President

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Maryland Casualty Company Bond 92-377933

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Plugging Record (Form 10, attached), Well Completion Report (Form 4, attached), copies of all logs, samples, and all

34

**INSTRUCTIONS TO DELIVERING EMPLOYEE**

☐ Deliver **ONLY** to addressee ☐ Show address where delivered  
(Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OF NAME OF ADDRESSEE (must always be filled in)  
*Victor Beano by Paul Beano*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED  
*7-12-67*

SHOW WHERE DELIVERED (only if requested)

CS-16-71548-5-F GPO

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE, \$300



INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN  
TO

REGISTERED NO.

NAME OF SENDER

CERTIFIED NO.

INSURED NO.

STREET AND NO. OR P. O. BOX

CITY, STATE, AND ZIP CODE

OIL & GAS CONSERVATION COMM  
STATE OF ARIZONA  
1624 WEST ADAMS - SUITE 2  
TELEPHONE: 271-5161  
PHOENIX, ARIZONA, 85007

CS5-16-71540-6-F

POD Form 3811 Sep. 1963

Southwest Oil Company  
July 11, 1967  
Page 2

other information obtained from the drilling of this well must be filed with this Commission. These plugging operations must be completed within 60 days from date of this order, or September 10, 1967.

Should this well be capable of being made into a water well, your alternative to the plugging of this well would be to turn it over to the owner of the land as a water well. Water Well Acceptance Agreement (Form 26) is enclosed should you desire to use it. Of course the above reporting, with the exception of the Plugging Record, must be submitted.

Under our Rules and Regulations you have the right to request a hearing to show cause why this well should not be plugged. Should it be your desire to have a hearing, your request should be submitted to this office as soon as possible and thereafter a date will be set for it.

Should you have any questions will you please contact this office.

Very truly yours,

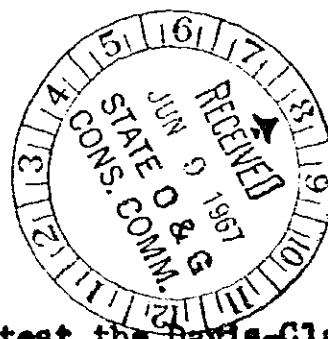
John Bannister  
Executive Secretary  
encs

cc: The Attorney General, 159 The Capitol, Phoenix, Arizona 85007  
Maryland Casualty Co., Attention Mr. V. Rhue, P.O.  
Box 7006, Phoenix, Arizona 85001

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA  
June 5, 1967

Mr Harold Jerman  
Engdahl, Jerman, Butler & Estep  
222 North Central Avenue, Suite 904  
Phoenix, Arizona 85004



Dear Harold,

In June 1966, I signed a contract with you to test the Davis-Clark well in Cochise County. In November, 1966 we purchased acreage in the area and prepared to commence operations. In December, 1966 Crawford Oil and Gas Reserves signed a contract with us to proceed sometime in January. Due to the tight money situation which developed, this company was requested by the bank not to proceed on a out of state venture. We released this sizeable company, from their contract. This release was executed along in the last week in February to the best of my memory.

Approximately thirty five days later (in April) we signed another contract with Athey and Geede. Let me state at this point, we want partners on the above venture rather than test the well head-up. The firm of Athey and Geede are very reputable and qualified in their work. After arrangements were made for Mr Geede to come to Arizona and locate a rig, as well as, perform all other necessary tasks, Mr Athey was taken to the hospital and will not be active in business for some time. We released them from their contract.

Yesterday, some very prominent oil men requested an audience with the undersigned and partners. An agreement was reached and the parties will arrive in Arizona next Wednesday for their preliminary work. During the meantime we have been attempting to contact Mr Geede to ascertain if they cancelled the surveyors order. If so, we will order a survey as requested by the Oil and Gas Commission and the bond will be posted. We received our title check and opinion yesterday.

This deal is not being promoted, but we need partners rather than drill head-up. I am sure that events on this end of the line has forced everyone to the brink of the breaking point on that end of the line, however, it must be remembered that Arizona is a long ways from here and operations are a little different than in Oklahoma and acquiring partners on such a venture is not so simple due to the aforementioned. We are definitely going to test this well if we can get all concerned to understand our past problems and go with us just a few more days. Everyone has been wonderful in the past and our appreciation will not be forgotten as we believe in the future of Arizona as a oil state and are trying desperately to break in the play there via the Davis-Clark well.

Our Contract requires the lease rental payments to be paid by the undersigned. I will pay the June rentals and we will reimburse Mr Robison for his money expended.

Due to the fact we are not through buying in the area, I will deeply appreciate this letter being treated as personal and confidential by all concerned. The last letter of the Arizona Oil & Gas News carried an article concerning this well.

Sincerely,

June 2, 1967

Maryland Casualty Company  
P.O. Box 1966  
Oklahoma City, Oklahoma 73101

Attention: Mr. John R. Mackey, Manager, Bond Department

Re: Bond 94-070533  
Jack D. Hodgden

Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E Cochise County, Arizona  
Permit 34

Gentlemen:

Pursuant to your letter of May 31, 1967 Captioned bond is  
returned herewith.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Mr. Harold Witcher, P.O. Box 12574, Oklahoma City  
Mr. Jack D. Hodgden, 1108 Bass Bldg., Enid, Okla.  
Maryland Casualty Co., Attention Mr. Rhue, P.O. Box 7006  
Phoenix, Arizona 85001  
Mr. Harold Jerman, 222 N. Central, Phoenix, Arizona  
Mr. Peter C. Bianco, P.O. Box 350 Bianco Rd., Casa Grande, Ariz.  
Mr. Vaughn Good, Good-Athey Oil Co., Enid, Okla.



## MARYLAND CASUALTY COMPANY

CHARLES H. PETERSON, PRESIDENT

The Maryland American General Group: Maryland Casualty Company - American General Insurance Company - American General Life Insurance Company - American General Life Insurance Company of Delaware - American General Life Insurance Co. of Oklahoma - Assurance Company of America - Hawaiian Life Insurance Co., Ltd. - Maine Bonding and Casualty Co. - Maryland American General Insurance Co. - National Standard Insurance Co. - Northern Insurance Co. of N. Y. - Patriot Life Insurance Co.

E. DALE ZACHRY, Resident Manager

P. O. Box 1966 - Oklahoma City, Oklahoma 73101

SCOTT S. CRABTREE, Claim Manager

May 31, 1967

Oil and Gas Division  
State Land Department  
State Capitol Building  
Phoenix, Arizona

Attn: Mr. Bannister

Dear Mr. Bannister:

Jack D. Hodgden  
Bond #94-070533

After lengthy discussions on behalf of this account, we have been advised that Mr. Jack D. Hodgden is not going to enter into the assignment of this particular lease.

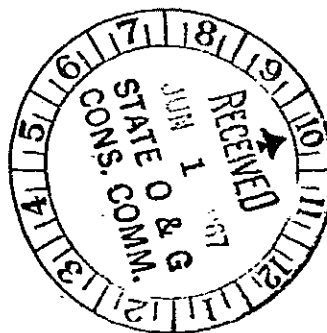
Therefore, since the assignment was not filed in connection with the bond, we assume that the bond was never in full force and effect as far as your department is concerned. We would appreciate you returning this bond to us so that we may close our file accordingly.

Yours very truly,

*John R. Mackey*  
John R. Mackey, Manager  
Bond Department

JRM/vw

CC: Messer - Bowers Company  
Enid, Oklahoma



34  
6-1-67  
Mary  
Cancel &  
Return  
JB



May 24, 1967

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E Cochise County, Arizona  
Permit 34

Dear Mr. Witcher:

This will acknowledge your letter postmarked May 22, 1967.

The amount of the bond required for oil and gas operations in Arizona is \$5,000 for a single well, or, \$25,000 to cover operations for any number of wells. (See Rule 101.)

In our letter of January 10, 1967 to you we advised that a bond in the name of Jack D. Hodgen in the amount of \$5,000, covering this location, had been received. Is Mr. Hodgen an associate of yours? We have received no other bond.

Mr. Hodgen responded to our above letter, requesting an extension of time on the plugging order. The extension was granted by our letter of March 24, 1967, a copy of which was mailed to you.

Again on March 27, 1967 Mr. Hodgen requested a further extension, which was granted by our letter of March 31, 1967, a copy of which was also mailed to you.

In addition, our letter of March 31, 1967 pointed out that the Maryland Casualty Company bond 94-07-533 submitted by Mr. Hodgen covered a location only, and that before this bond would be acceptable to this Commission we must have a statement from Maryland Casualty Company that this bond assumes the liability for the actual well already on this location.

Unless we have this statement, it will be necessary that the existing well be plugged under the Maryland Casualty Company bond 92-377-933 covering Southwest Oil Company's operations.

34

Mr. Harold Witcher  
May 24, 1967  
Page 2

Inasmuch as the captioned well file does not contain a survey,  
it is necessary that the required survey be submitted with  
any application to re-enter this well.

If you have any further questions, or if we may assist you in  
any way, please contact us.

Very truly yours,

John Bannister  
Executive Secretary  
mr

enc: Rules and Regulations

cc: Mr Jack D Hodgen, Enid, Okla.  
Maryland Casualty Co., P O Box 7006, Phoenix, Ariz. 85001  
Mr. Harold Jerman, 222 N Central, Phoenix, Ariz  
Mr. Peter C. Bianco, Casa Grande, Arizona  
Mr. Vaughn Good, Good & Athey Oil Co., Enid, Okla.

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

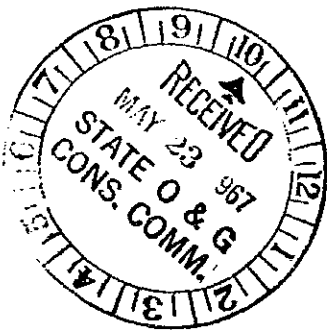
Dear Mr. Bannister,

The Arizona oil & Gas Commission has been very nice to us and I want to take this opportunity to thank you. We finally hope to get some work done on the Davis-Clark, Southwest oil & Gas Well.

Has our bond arrived yet? I was surprised to learn that the legislature had increased the Bond to \$25,000.00. I has previously told my associates it would be \$5,000.00 or \$10,000.00.

Due to the fact this is a re-entry, would it be possible to use the old survey or do we have to employ a new surveyor & re-survey the same hole?

I know with the new "Boom" on, you are very busy, but, I would deeply appreciate it if you could let me know by return mail about our bond & survey.



Respectfully

Harold Witcher

P.S.

am enclosing air mail stamped envelope for your use.

34

8:00 am  
5-17

Vaughn Good  
Enid, Okla.

Good - Athey Oil Co.

re: re-entry SW oil Co.

Will be in @ 8:00 am,

---

He has looked at our  
file so is aware of  
our status

---

March 31, 1967

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Dear Mr. Bianco:

By letter dated March 27, 1967 Mr. Jack D. Hodgden, Enid, Oklahoma, informed this office that he is currently taking bids for contractors to re-enter captioned well. As you are aware, the last extension granted by this Commission expired December 1, 1966.

The Commission does have on file Maryland Casualty Bond 94-070533, dated December 13, 1966, wherein Jack D. Hodgden is principal. This bond covers the location of the well; however, we have not received a letter from Maryland Casualty Company that they are assuming the actual well on this bond. Consequently you still remain responsible for this well and Maryland Casualty Company bond 92-377-933, wherein you are the principal, still must cover the plugging.

In Mr. Hodgden's letter above-mentioned he advises further that title work is being done. The Commission in its desire to cooperate with the people involved in this well, will grant one last extension of 60 days from today's date. Consequently, if application to re-enter this well, organization report, filing fee, and survey plat are not received by this Commission on or before May 31, 1967, no further extensions will be granted and this well must be plugged.

If Maryland Casualty Company has not accepted the plugging obligation under the bond submitted by Mr. Hodgden, then you and Maryland under your bond will be responsible for compliance with the plugging order.

34

Mr. Peter C. Bianco  
March 31, 1967  
Page 2

In the event this well is taken over by Mr. Hodgden, you must furnish this Commission with an up-to-date status report, copies of any electrical logs run, driller's logs, samples, etc., so that the final status of this well as turned over by you is reflected in this file and so that all information due this Commission is on hand.

In the event this well is plugged, this above information is required, as well as a plugging record and well completion report.

Should you have any questions, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Mr. Jack D. Hodgden, 1108 Bass Bldg, Enid, Okla.  
Mr. Harold Witcher, P.O. Box 12574, Okla. City, Okla.  
Maryland Casualty Co., P.O. Box 7006, Phoenix, Ariz. (Mr. Rhue)  
Mr. Harold Jerman, 222 N. Central - Suite 900, Phoenix, Ariz.

34

OFFICE PHONE  
ADAMS 4-3234

RESIDENCE PHONE  
ADAMS 4-5870

JACK D. HODGDEN  
OIL OPERATOR  
1108 BASS BUILDING  
ENID, OKLAHOMA  
March 27, 1967

Mr. John Bannister, Executive Secretary  
Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams - Room 202  
Phoenix, Arizona 85007

RE: Southwest Oil Company #1 Davis-Clark  
NE NE 5-21S-24E, Cochise County,  
Arizona - Permit #34

Dear Mr. Bannister:

In reply to your letter of March 24, concerning the above referred Oil and Gas Lease, this is to advise you that at the present time we are taking bids from drilling contractors to re-enter this well in an attempt at completion. We are also at the present time doing our title work from the Assignments that we have received.

I am sure you appreciate the time involved to work out the details on such a wildcat that is in an isolated area away from the customary oil and gas supply stores, service companies and etc. We felt by posting a Plugging Bond this would assure you the well would be properly plugged, but we do need just a little more time to work out these details.

We hope you can bear with us and we should have this job finished shortly.

Thank you for your cooperation in this matter.

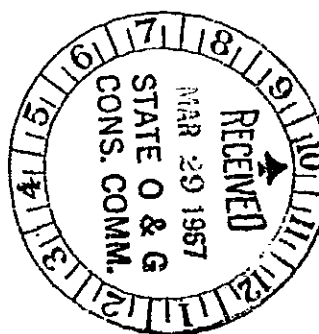
Very truly yours,

*Jack D. Hodgden*  
Jack D. Hodgden

JDH:sml

cc: Mr. Harold Witcher  
P. O. Box 12574  
Oklahoma City, Oklahoma

Mr. Peter C. Bianco  
Southwest Oil Company  
P. O. Box 350 Bianco Road  
Casa Grande, Arizona



#34

March 24, 1967

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Dear Mr. Bianco:

As you are aware, on May 20, 1966 this Commission ordered the plugging of captioned well. However, because you were attempting to make arrangements with other parties interested in re-entering this well, extensions to this original plugging order have been granted, the last of which expired December 1, 1966.

Mr. Jack Hodgins has furnished a bond to cover this location; but no arrangements have been made with this Commission by anyone to take over responsibility or to acquire necessary authority to re-enter this well.

It is not our intention, as you know, to cause any undue hardship nor an economic loss to any operator, but our Rules and Regulations must be complied with. Unless we have some specific information as to immediate intentions concerning this well, this Commission has no alternative but to enforce the plugging of this well and to look to you as the operator of record for this action.

An immediate reply giving specifics will be appreciated.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Mr. Harold Witcher      Maryland Casualty Co.  
Attorney-at-Law      P.O. Box 7006 Indian School Stn.  
P.O. Box 12574      Phoenix, Arizona  
Oklahoma City, Oklahoma      Attn: Mr. Rhue



Mr. Jack D. Hodgden  
1108 Bass Building  
Enid, Oklahoma

Mr. Harold Jerman  
Attorney-at-Law  
222 N. Central - Suite 904  
Phoenix, Arizona

34

1- 23  
Teleph to Conklin  
Will this replace Poranco bond?

FU?

FU  
3-6

OFFICE PHONE  
ADAMS 4-3234

RESIDENCE PHONE  
ADAMS 4-5870

JACK D. HODGDEN  
OIL OPERATOR  
1108 BASS BUILDING  
ENID, OKLAHOMA

January 17, 1967

Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams - Room 202  
Phoenix, Arizona 85007

RE: Southwest Oil Co. #1 Davis-Clark Well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Attention: Mr. John Bannister  
Executive Secretary

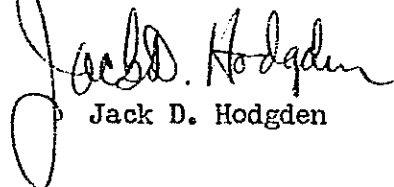
Dear Mr. Bannister:

We are in receipt of your letter to Mr. Harold Witcher of  
January 10, 1967, in regard to our intentions concerning the above  
captioned well.

We are in the process of completing an exploration program which  
includes the re-entering and testing of the above well. At this time  
I am unable to give an exact date. We are still wanting to improve  
our acreage position in this area.

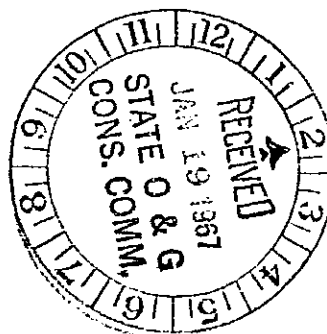
We will certainly appreciate your office extending the December  
plugging order for six months which I'm sure will give us the necessary  
time. This is the reason I ordered a new one-year Plugging Bond, so  
you would be assured the well would be properly plugged in case there  
wasn't any commercial production.

Very truly yours,

  
Jack D. Hodgden

JDH:sm1

cc: Mr. E. R. Robinson  
Mr. Peter Bianco  
Mr. Harold German



January 10, 1967

Mr. Harold Witcher  
Attorney at Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Dear Mr. Witcher:

As you are aware, pursuant to your request an extension of our plugging order for captioned well was granted until December 1, 1966.

We have recently received a bond from Maryland Casualty Company in the name of Jack D. Hodgen, which it is assumed is to cover this well. I assume also that Mr. Hodgen is an associated of yours; however, his name of course does not appear in our file.

In order to avoid enforcing our plugging order, will you please advise at your earliest possible convenience what your intentions are concerning this well. As I have before explained, I do not wish to cause any undue hardship to any operator. But I of course do need to enforce our Rules and Regulations.

If there is a substantial delay in your plan to re-enter this well please advise me so that we may take such steps as necessary so as to keep everyone in compliance with our regulations.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Mr. Peter Bianco, President  
Southwest Oil Company  
P.O. Box 330 Bianco Road  
Casa Grande, Arizona

Maryland Casualty Co.  
P.O. Box 7006  
Phoenix, Arizona  
Attn: Mr. Rhue

FV

1-30-67

1-17-67  
Harold German 258-3487  
attys for SW Oil - Beames  
telephoned re status  
would like to be kept  
informed.

34

December 13, 1966

10:00 A.M.

TELEGRAM

ENID, OKLAHOMA

NESSER BOWERS COMPANY

EXECUTING \$5,000 PLUGGING BOND FOR JACK D. HODGDEN,  
ONE NE, NE OF SECTION 5, 21 SOUTH 24 EAST CHOCHISE CITY  
ARIZONA. BOND TO FOLLOW BY MAIL.

MT

34

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION

## TELEGRAM

W. P. MARSHALL  
CHAIRMAN OF THE BOARD

R. W. McFALL  
PRESIDENT

SYMBOLS

DL = Day Letter  
NL = Night Letter  
LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

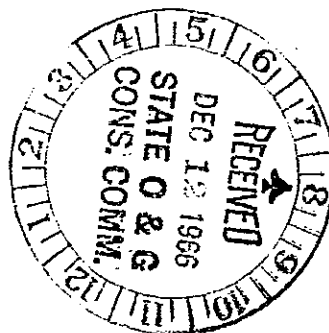
825P PST DEC 11 66 LA285 KA160

K OCE6 2 NL PD OKLAHOMACITY OKLA 11

BANISTER

OIL AND GAS DIV STATE LAND DEPT STATE CAPITOL PHOENIX ARIZ  
MARYLAND CASUALTY COMPANY PAPERS ARRIVED SATURDAY WE ARE COMPLETING  
THEM FORA BOND AND WILL MAIL THEM BACK IMMEDIATELY TOMORROW ON  
BOND FOR SOUTHWEST WELL

HAROLD WITCHER



CLASS OF SERVICE  
This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION

## TELEGRAM

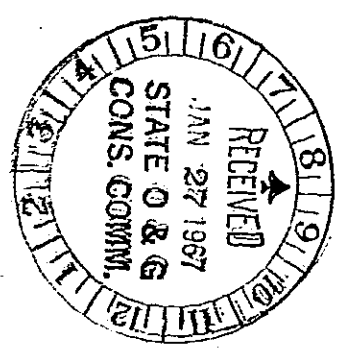
W. P. MARSHALL  
CHAIRMAN OF THE BOARD

R. W. McFALL  
PRESIDENT

SYMBOLS  
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The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

636P PST JAN 26 67 LB387 KA412  
K OCA494 NL PD 5 EXTRA OKLAHOMA CITY OKLA 26  
MR BANNISTER, EXECUTIVE SECRETARY  
DLR DONT PHONE OIL & GAS DEPT STATE LAND DEPT STATE CAPITOL  
PHOENIX ARIZ  
PLEASE FORWARD FORMS FOR ORIGATION REPORT, AND PAPERS ARE  
RE-ENTRY OF WELL. MR HODGDEN HAS UP BOND. WE WILL RETURN PAPERS  
WITH FEE & REPORT  
HAROLD WITCHER BOX 12574 OKLA CITY OKLA .



*Mailed 1-27-67*

November 15, 1966

Mr. Harold Witcher  
Attorney at Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Dear Mr. Witcher:

As advised by you by telephone on November 14th, we are aware of your intention to re-enter captioned well.

In order to do same it will be necessary that the enclosed Application for Permit to re-enter be filed with this office, together with the \$25.00 filing fee, and that a bond of \$5,000.00 be filed with this Commission.

Of course Maryland Casualty Company Bond 92-377-933 may be increased to the amount required. However, since Southwest Oil Company may desire to get off the bond, a new bond probably will be more satisfactory for your purposes.

In addition, we will need the Organization Report (copy of this form is enclosed) and a survey plat of the location.

I would also remind you that according to our Rule 105 you will need a specific 80 acres dedicated to an oil well or 640 acres dedicated for a gas well.

As I explained on the telephone, if you desire this well to be kept confidential, it will be necessary that you so advise in writing as of the time you file the application. As further explained, the application itself automatically will be public information, but any information from that time will be confidential and so held by us.

34



Mr. Harold Witcher  
November 15, 1966  
Page 2

Inasmuch as you are re-entering the old Southwest Oil Company hole, and if you do request the information to be confidential, we will place the old well file on confidential also.

Should you have any questions concerning this letter, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

cc: Mr. Peter C. Bianco, President  
Southwest Oil Company  
P. O. Box 350 Bianco Road  
Casa Grande, Arizona

Maryland Casualty Co. Attn: Mr. Rhue (tel 277-4711)  
P.O. Box 7006 Indian School Station  
Phoenix, Arizona

34

*ight Letter*  
COLLECT

TELEGRAM

November 14, 1966

Mr. Harold Witcher  
411 Northwest 47th  
Oklahoma City, Okla  
Telephone: Victory 2-2137

RE SOUTHWEST OIL #1 DAVIS CLARK NE NE 5-21S( 24E COCHISE  
COUNTY ARIZONA

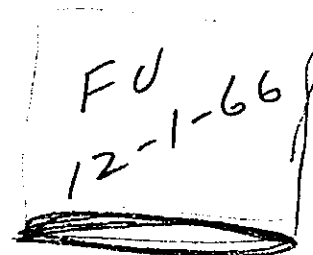
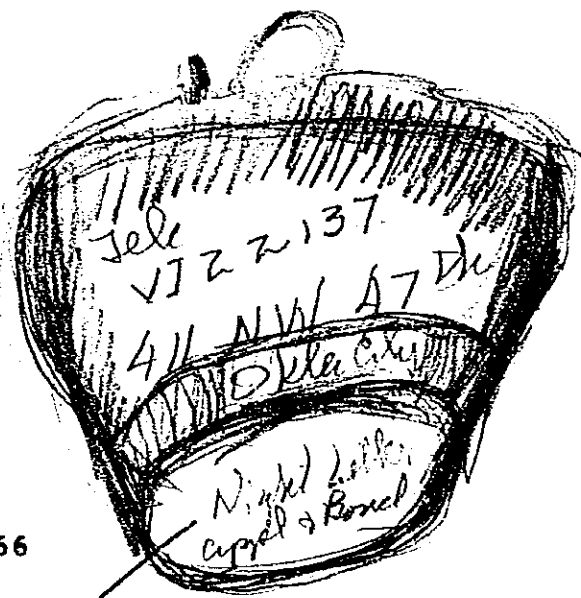
CONFIRMING OUR CONVERSATION OF THIS DATE IN ORDER TO RE-ENTER  
CAPTIONED WELL MARYLAND CASUALTY COMPANY'S BOND 92-377-933  
MUST BE INCREASED TO \$5,000 OR SUITABLE REPLACEMENT BOND  
FILED. MUST HAVE ORGANIZATION REPORT OF NEW COMPANY  
ENTERING WELL, APPLICATION TO RE-ENTER, \$25.00 FILING  
FEE. LETTER FOLLOWS CONTAINING NECESSARY FORMS.

JOHN BANNISTER  
EXECUTIVE SECRETARY  
OIL & GAS CONSERVATION COMMISSION

34

Plus Order 7-16-65  
ext 3-1-66  
yrt 1/2 5-1-66  
12-1-66

Harold Jermann - atty. Phex



June 28, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Gentlemen:

Mr. Witcher has contacted this office requesting a 90-day extension of our plugging order in order that negotiations concerning the re-entering of this well may be completed.

This is to advise that this Commission will extend its plugging order until December 1, 1966.

In order to avoid misunderstanding, if this well is not re-entered prior to December 1, 1966, no further extension will be granted by this Commission and the well must be plugged by Southwest Oil Co. in accordance with our letter of instruction.

The policy of this Commission is to cooperate with operators whenever possible; but this cooperation must be done within the limits imposed by our Rules and Regulations.

When the negotiations concerning this well prove fruitful, this office should be contacted prior to any additional work being commenced so that proper forms and bonds may be in full force and effect. Should you have any questions would you please advise.

Very truly yours,

34  
John Bannister  
Executive Secretary  
WB

cc: Maryland Casualty Co.  
P.O. Box 7006 Indian School Station  
Phoenix, Arizona

June 20, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Dear Mr. Witcher:

Mr. Bannister is out of town for another week, but immediately upon his return he will reply to your letter of June 16, 1966 concerning re-entry to the Southwest Oil Company #1 Davis-Clark well.

With reference to the Moncrief #1 Davis-Clark well, NWSE 5-21S--24E, Cochise County, we do not have in our files a driller's log. We do have an induction electrical log and a sample log. However, at the present time we do not have facilities for copying logs.

I notice that Rocky Mountain Well Log Service Co., 1753 Champa Street, Denver 2, Colorado, lists the following in their catalog concerning this well:

Order No.	Log Depth
K6453A wx-R.B. Moncrief (11-es)	153-3502

It is our understanding their logs, depending upon length, cost less than \$5.00.

This Commission is very pleased to be of assistance to you in any way we can.

Very truly yours,

M. Rushton, Secretary to  
John Bannister  
Executive Secretary

34

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

June 16, 1966

Mr. John Bannister  
Oil & Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona

In Re: Southwest Oil Co.  
Davis & Clark #1  
SW-NE-NE  
Section 5-Twn-21S  
Range 24E.

Dear Mr. Bannister:

The undersigned and associates are negotiating with Mr. Peter Bianco in reference to re-entering the above well in an attempt to find commercial production.

The entire success or failure of the negotiations may depend upon the plugging date set.

In the event of successful negotiations, would the commission consider granting us 90 days to re-enter, test and put into production or plug the well? In the event we were not successful in obtaining production, we would plug the well while we were still on it.

I also understand R.B. Moncrief, Et al, drilled another well in either Section 4 or 5, Twn-21South, Range 24E.

Could I have a copy of the driller's log on the aforementioned well?

I apologize for so much trouble, yet, we are attempting to find some oil in your good state.

Respectfully,

*Harold Witcher*  
Harold Witcher

HW:fp

34

FU 7-21-66

CERTIFIED MAIL  
No. 231305

May 20, 1966

Mr. Peter G. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark well  
NE/4NE/4 S 21S-24E, Cochise County, Arizona  
Tract 34

Dear Mr. Bianco:

As you will recall, Mr. E.R. Robison, Escondido, California, advised this office that he was attempting to work out plans to re-enter this well and requested an extension to May 1, 1966 for the commencing of his operations.

Inasmuch as these operations have not been commenced, this letter constitutes an order from this Commission that the well be plugged by placing a 50-foot cement plug at the bottom of the hole, a cement plug at the interval from 3,500 - 3,520 feet, a 50-foot cement plug be placed at the bottom of the surface casing from 465 - 515 feet, and a 15-foot surface plug with a four-inch pipe protruding four feet above the surface of the ground to which is permanently affixed thereto a sign showing the name of the well, location and permit number.

This work must be completed on or before July 20, 1966.

In the event you should not comply with this order, we will have no alternative but to call on the bonding company to perform this work.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Maryland Casualty Co., P.O. Box 7006, Indian School Stn,  
Phoenix  
Mr. E.R. Robison, Space 36, 1670 E. Hill Ave., Escondido, Calif.

34

June 7, 1966



Mr. Harold Witcher  
Attorney at Law  
Box 12574  
Oklahoma City, Oklahoma 73102

Dear Mr. Witcher:

This is in answer to your letter request of June 1, 1966, addressed to the Oil and Gas Conservation Commission, in which you ask advice as to the present lessees in Sections 4, 5 and 6 of Township 21 South, Range 24 East, Cochise County, Arizona.

The above Commission has referred your letter to this Department inasmuch as the administration of State-owned lands rests with this office.

Southwest Oil Company, P. O. Box 876, Phoenix, Arizona is the present Oil and Gas Lessee, holding Lease No. 9003 covering all of the State land in Sections 4 and 5, Township 21 South, Range 24 East. This lease expires July 5, 1969.

The State owns 139.90 acres in Section 6, Township 21 South, Range 24 East. None of this acreage is presently under oil and gas lease.

Yours very truly,

F. C. Ryan, Supervisor  
Mineral, Oil & Gas Production Div.

FCR:jw

cc: Oil & Gas Conservation Commission

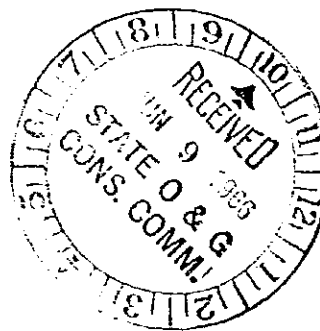
C  
O  
P  
Y

34



June 7, 1966

Mr. Harold Witcher  
Attorney at Law  
Box 12574  
Oklahoma City, Oklahoma 73102



Dear Mr. Witcher:

Please refer to your letter of June 1, 1966, addressed to the Oil and Gas Conservation Commission, in which you ask certain questions in relation to discovery and validation in a typical blocked farm-out situation.

You premise your question by setting up a situation of "Government-owned" leases. I am sure you are well aware of the United States Rules and Regulations in this regard. If not, query should be made to the Bureau of Land Management Office nearest the site of your interest.

If the land in question were State of Arizona-owned land, production in paying quantities on each lease would be necessary to the holding of the lease beyond its stated five-year term. There are two exceptions to this rule. The first is a statutory provision whereby, if lessee is actively engaged in drilling at the end of the five-year term, the Department shall extend the lease an additional two years. The other circumstance is that brought about by the physical inclusion of the lease within the boundaries of a unitized producing area or within a producing drilling unit as established by orders of the Oil and Gas Conservation Commission.

In the example set out in your letter where "B", under a farm out, is sub-leasing acreage made up of several leases and has discovered on part, not all, of the leases before the normal expiration date, the lands embraced by the leases expiring because of non-discovery become open and available for leasing at 8:00 A.M. on the day following expiration of the lease. Ordinarily, this land is subject to first-come-first-served non-competitive leasing. If, however, production as well as discovery has been had on part of the block, the Department does have the right and, in fact, the responsibility for delineating the structures of the producing oil and gas reservoir, which delineation might possibly include the expired acreage. If the latter is so, then the re-lease of this land would be by competitive public bid.

A copy of the Department's Rules and Regulations Governing Oil and Gas Leasing is enclosed for your guidance.

Yours very truly,

F. C. Ryan, Supervisor  
Mineral, Oil & Gas Production Division

FCR:jw

Enclosure

bcc: Oil & Gas Conservation Commission

C  
O  
P  
Y

June 7, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma city, Okla.

Dear Mr. Witcher:

Your undated letter addressed to the Chamber of Commerce, Phoenix, Arizona, has been referred to this office for reply.

Please be advised that the type of services sought by you are not at this time available within the State of Arizona. The nearest well suppliers and servicing companies are located in Farmington, New Mexico and Bakersfield, California.

There is located in Phoenix one oil well drilling contractor of considerable experience, O'Donnell & Ewing Drilling Co. Inc, 1121 Dal Webb Building, 3800 N. Central Avenue, Phoenix, Arizona 85012.

Throughout the State there are various drilling outfits, primarily water well drillers, who have done a small amount of oil well drilling.

I am sorry that this office can give you no further specific information. I would suggest you consult any service and supply directory for Farmington and Bakersfield.

If we may be of further service, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

Rec'd 6-3-66  
C.H.

Chamber of Commerce  
Phoenix, Arizona

Gentlemen,

The undersigned represents an oil company who is considering locating in Phoenix. we are in dire need of the following information:

- I The name and address of oil well supply Co's, which sell Tanks, Pipe, Rods, Tubing & Pumps, that are located in Southeastern Arizona.
  - II The name & address of drilling companies located in South Eastern Arizona.
  - III The name & address of Perforating and Cement Co's located in South Eastern, Arizona or who serve South Eastern, Arizona.
  - IV The name & address of Electric log companies located in or who serve Southeastern Arizona.
- 34 Please excuse Handwriting - Secretary gone Today.  
Sincerely  
Harold Witcher

June 7, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Dear Mr. Witcher:

This will acknowledge receipt of your letter postmarked on  
June 6, 1966.

On June 1, 1966 we wrote you, enclosing copies of all the  
available information concerning the Southwest Oil Co. #1 Davis-  
Clark well.

As we told you in our June 1st letter, this well was ordered  
to be plugged by July 20, 1966. When the plugging record is  
received, we will be pleased to send you a copy.

We have no copy of the driller's log.

If you have not received our letter of June 1 with the attached  
copies, please let us know.

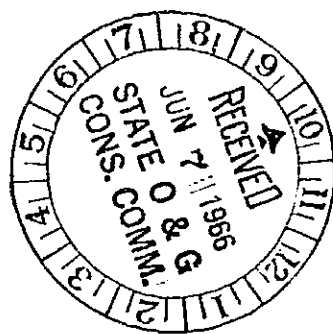
Very truly yours,

John Bannister  
Executive Secretary  
mr

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

Mr John Bannister  
Executive Secretary  
Oil and Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007



Dear Mr Bannister,  
Thank you very kindly for your letter of  
June 3<sup>rd</sup>.

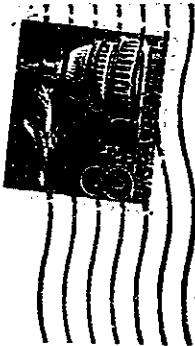
The very thing that I am most interested  
in is a copy of the Drillers Log and  
~~a copy~~ the name and address of the company  
which ran the Electric Log and a copy  
of the Logging record on the following well.

Southwest oil Co - Davis - Clark no #1  
SW NE NE Section 5 - Township 14 S. Range 21 E.  
Cochise Co. Arizona.

In the event there is a charge for the same  
I will be glad to pay.  
also, what Driller dug the well.

Respectfully  
Harold Witcher

Harold W. Johnson  
May 12 5 44 PM  
Oklahoma City, Oklahoma  
1966



Air-Mail

Mr John Dannerster  
Executive Secretary  
Oil and Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona 85007

June 3, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Dear Mr. Witcher:

This will acknowledge receipt of your two letters of June 1, 1966 concerning leases in the State of Arizona.

Please be advised that this office does not handle the oil and gas leases and I am referring your letters to the State Land Department, 400 Arizona State Office Bldg., 1624 W. Adams, Phoenix, Arizona 85007, for their reply.

Enclosed please find one copy of our Rules and Regulations and one copy of the State Land Department's leasing regulations.

If we may be of further service, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

June 1, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Dear Mr. Witcher:

I am sorry that your letter of May 19, 1966 requesting specific well information has not been answered heretofore.

We are enclosing a xerox copy of such records as we do have on the Waddell-Duncan #1 Murray, located in 5-22S-27E, Cochise County. Our records of this well are very incomplete and I am unable to give you any additional information concerning this well.

As to the Southwest Oil Company #1 Davis-Clark, located in NE/4 NE/4 5-21S-24E, Cochise County, this Commission has ordered this well plugged by July 20, 1966. There has been some attempt to re-enter this well, but apparently the plans fell through.

In answer to your inquiry, the address of Southwest Oil Company is P.O. Box 350 Bianco Road, Casa Grande, Arizona.

We have no information nor address for Mr. Davis. The driller was Mr. John R. Niblett. The only address shown on our records for him is Glendale, Arizona. There is a John R. Niblett listed in the current telephone directory at 7715 N. 63rd Avenue, Glendale, Arizona, and I assume this to be the same gentleman.

The geological reports were made on this well by Mr. Kenneth G. Smith, and again, we have no address. An electrical log was run by Slumberger Well Surveying Corporation and I assume you can get a copy from them. This office has



Mr. Harold Witcher  
June 1, 1966  
Page 2

has no facilities for reproducing logs.

We are enclosing xerox copies of information as contained  
in our files.

If this office may be of any further help to you, please  
advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

34

May 19, 1966

Arizona Oil & Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

Gentlemen:

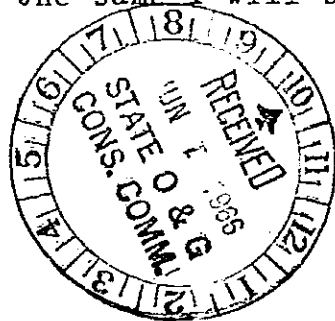
Would you be so kind as to forward a copy of all available records, including the plugging records on the following two dry and abandoned wells?

Southwest Oil Co. #1 Clarke, located at short distance southeast of Tombstone, Arizona

and

No. #1 Murray, drilled by Waddell-Duncan  
Drilled north of Douglas, Arizona.

I desire any and all available records. Should there be a charge for the same I will be glad to pay. Thank you very much.



Respectfully yours,

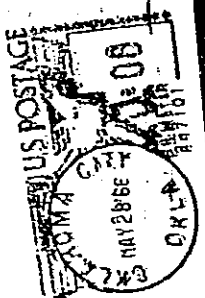
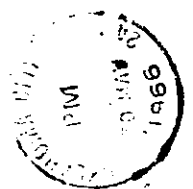
Harold W. Witcher

HW:fp

Mr. Bannister,

I wrote the above letter May 19, and have received no answer. I am mainly interested in all available information on the Southwest Oil Co - Davis No #1 Clarke drilled in Cochise County, SW-NE-NE Section 5, Township 21 South, Range 24 East. I would like to have a copy of the records on file and would like to know where to order an electric log - sincerely HW

Harold M. Tucker  
Box 12574  
Oklahoma City  
Oklahoma



**AIR MAIL**

Mr. John Dannerster,  
Executive Secretary  
Oil & Gas Conservation Commission  
Room 202  
1624 W. Adams  
Phoenix, Arizona 85007

BY APPOINTMENT ONLY

HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

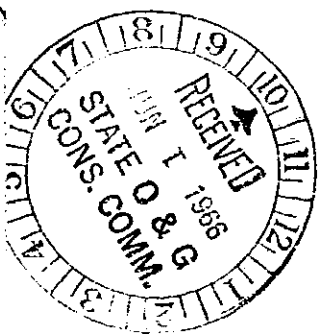
Oil & Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Gentlemen,

In 1959, The South West Oil Co, and a Mr Davis  
Drilled a well known as The Clark #1 in  
SW. NE. NE., ~~Section 5~~, Section 5, T2N 21 South,  
Range 24 E., Cochise County, Arizona.

I need the following information.

- I The address of South West Oil Co.
- II The address of Mr Davis
- III The name of The Drilling Co & address.
- IV The name and address of The Geologist who  
Set on The well.
- V The name and address of The Electric Log Co  
who ran the electric log.



• BY APPOINTMENT ONLY

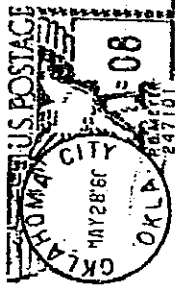
HAROLD WITCHER  
ATTORNEY-AT-LAW  
BOX 12574  
OKLAHOMA CITY, OKLAHOMA

- VI The name and address of a Company where it could order an  
VII <sup>electric log copy on the map</sup> a copy of The Drillers Log.  
VIII a copy of The Plugging Record.

I would deeply appreciate the above.  
Please excuse this letter. It is Memorial day  
and my Secretary is off.

Respectfully  
Harold Witcher

Handy/MTech  
Box 125-74  
Oklahoma City  
Oklahoma



**AIR MAIL**

Oil & Gas Conservation Commission  
Room 202

1634 West Adams  
Phoenix

Arizona 85007

May 24, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Dear Mr. Witcher:

In reply to your letter of May 19, 1966, the government offices to contact concerning oil and gas leases are:

State Land Department  
400 Arizona State Office Bldg.  
1624 W. Adams  
Phoenix, Arizona 85007

Bureau of Land Management  
230 N. First Avenue - Federal Bldg.  
Phoenix, Arizona 85025

If this office may ever be of further service to you, please let us know.

Very truly yours,

John Bannister  
Executive Secretary  
mr

BY APPOINTMENT ONLY

HAROLD WITCHER

ATTORNEY-AT-LAW

BOX 12574

OKLAHOMA CITY, OKLAHOMA

May 19, 1966

Arizona Oil & Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

Gentlemen:

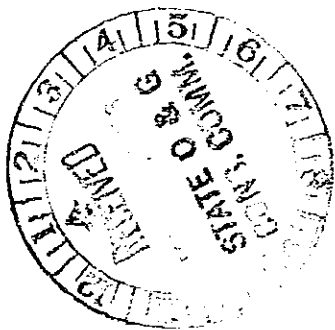
It is the desire of the undersigned to lease some land in Arizona for gas and oil from the federal and state governments.

Would you advise me of the addresses of the state government and federal government departments which I must contact.

Respectfully,

*Harold Witcher*  
Harold Witcher

HW:fp







TELEPHONE (602) 271-4433

STATE OF ARIZONA

*Development Board*

CLAYTON L. HOLM  
RESEARCH ANALYST  
INDUSTRIAL DEVELOPMENT

WESTERN FINANCIAL CENTER  
3443 N. CENTRAL AVE., SUITE 310  
PHOENIX, ARIZONA 85012

*certified mail*  
*NO. 231274*

July 14, 1966

Rocky Mountain Well Log Service Co.  
1753 Champa Street  
Denver 2, Colorado

Attention: Mr. Ted L. Strickland  
Asst. Division Manager

Re: Southwest Oil Co. #1 Davis-Clark  
NE NE 5-21S-24E, Cochise County, Arizona  
Our File 34

Gentlemen:

In response to your request of July 12, 1966, enclosed is  
the Schlumberger Electrical Log on captioned well.

It is understood that this log is the property of this Com-  
mission and is being loaned to you so that you may copy it,  
and it will be returned to this office just as soon as that  
copy is made.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

#34

<b>INSTRUCTIONS TO DELIVERING EMPLOYEE</b>	
<input type="checkbox"/> Deliver ONLY to addressee	<input type="checkbox"/> Show address where delivered
(Additional charges required for these services)	
<b>RECEIPT</b>	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>RMWLS - Ted Strickland</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
JUL 18 1966	

CSS-16-71548-3-F GPO

## Rocky Mountain Well Log Service Co.

1753 Champa Street  
DENVER 2, COLORADO

266-0588

BOB ANDREWS, Division Manager



July 12, 1966

Reply to:

CASPER, WYOMING  
Bob Fitzgerald  
124 No. Wolcott St.  
234-6921

BILLINGS, MONTANA  
Mahlon Blagg  
330 Petroleum Bldg.  
245-7638

DALLAS, TEXAS  
Charles Pillsbury  
1407 Ross Ave.  
Riverside 2-6196

Oil and Gas Conservation Commission  
State of Arizona  
Room 202 - 1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister

Dear Mr. Bannister:

Thank you for your letter of July 1, 1966 re the Electrical Log on the Southwest Oil Company #1 Davis-Clark in Cochise County, Your File 34. We would certainly appreciate it if we could borrow your print. After making a print we will return your copy immediately.

For your convenience a self addressed envelope is enclosed.

Yours very truly,

ROCKY MOUNTAIN WELL LOG SERVICE CO.

A handwritten signature in cursive script that reads "Ted L. Strickland".

Ted L. Strickland, Asst. Division Mgr.

TLS:mj

Enc.

July 1, 1966

Rocky Mountain Well Log Service Co.  
1753 Champa Street  
Denver, Colorado

Re: Southwest Oil Co. #1 Davis-Clark  
NE NE 5-21S-24E, Cochise County  
Our File 34

Gentlemen:

We have only one copy of the Schlumberger Electrical Log, only,  
for captioned well.

Since we do not have facilities for copying logs, we cannot  
furnish you a copy. There, if you desire, we could loan this  
copy from which you could make a duplicate, with the full un-  
derstanding that our copy would be returned immediately.

Very truly yours,

John Bannister  
Executive Secretary  
mr

State of Arizona  
202 Arizona State Office Bldg.  
1624 W. Adams  
Phoenix, Arizona 85007

Gentlemen:

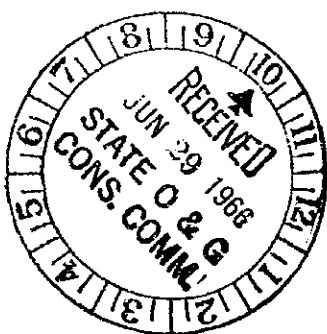
If you have logs on the Southwest Oil #1 Davis-Clark in section 5-21S-24E - Cochise County, Arizona please send to us and charge the undersigned. Thanks.

Also thank you for the nice order of June 27, 1966.

Rocky Mountain Well Log Service

*Madge Joney*

Denver, Colorado  
June 28, 1966



June 28, 1966

Mr. Harold Witcher  
Attorney-at-Law  
P.O. Box 12574  
Oklahoma City, Oklahoma

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark well  
NE NE 5-21S-24E, Cochise County, Arizona  
Permit 34

Gentlemen:

Mr. Witcher has contacted this office requesting a 90-day extension of our plugging order in order that negotiations concerning the re-entering of this well may be completed.

This is to advise that this Commission will extend its plugging order until December 1, 1966.

In order to avoid misunderstanding, if this well is not re-entered prior to December 1, 1966, no further extension will be granted by this Commission and the well must be plugged by Southwest Oil Co. in accordance with our letter of instruction.

The policy of this Commission is to cooperate with operators whenever possible; but this cooperation must be done within the limits imposed by our Rules and Regulations.

When the negotiations concerning this well prove fruitful, this office should be contacted prior to any additional work being commenced so that proper forms and bonds may be in full force and effect. Should you have any questions would you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Maryland Casualty Co.  
P.O. Box 7006 Indian School Station  
Phoenix, Arizona

CERTIFIED MAIL  
No. 231505

May 20, 1966

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davi  
NE/4NE/4 5-21S-24E, Cochi  
Permit 34

Dear Mr. Bianco:

As you will recall, Mr. E.R. Robison advised this office that he was re-enter this well and requested the commencing of his operations.

Inasmuch as these operations hereafter constitutes an order from plugged by placing a 50-foot cement plug at the intake hole, a cement plug be placed 50-foot cement plug be placed ing from 465 - 515 feet, and a four-inch pipe protruding four ground to which is permanently the name of the well, location

This work must be completed on Record and Well Completion Report. In the event you should not call on no alternative but to call on this work.

Very truly yours,

John Bannister  
Executive Secretary

mr

Enc: Plugging Record & Well Com.

cc: Maryland Casualty Co., P.O.

Phoenix certified mail 231505

Mr. E.R. Robison, Space 36, 1670 E. Hill Ave., Excondido, Calif.  
certified mail 231507

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver ONLY to addressee

☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

Peter C. Bianco  
OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
1624 WEST ADAMS SUITE 202  
PHOENIX, ARIZONA 85007

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver ONLY to addressee

☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

Phil Murphy  
Maryland Casualty Co.

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED  
MAY 23 1966

SHOW WHERE DELIVERED (only if requested)

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver ONLY to addressee

☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

E. R. Robison

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

5-26-66

SHOW WHERE DELIVERED (only if requested)

CSS-18-71548-5-T GPO

**INSTRUCTIONS TO DELIVERING EMPLOYEE**

☐ Deliver **ONLY** to addressee ☐ Show address where delivered  
 (Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*Peter J. Bianco*

**OIL & GAS CONSERVATION COMMISSION**  
 STATE OF ARIZONA  
 1624 WEST ADAMS, SUITE 202  
 PHOENIX, ARIZONA, 85007  
 TELEPHONE: 271-5161

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY  
*Peter J. Bianco*

DATE DELIVERED  
 5-23-66

SHOW WHERE DELIVERED (only if requested)

CSS-16-71548-5-F GPO

**INSTRUCTIONS TO DELIVERING EMPLOYEE**

☐ Deliver **ONLY** to addressee ☐ Show address where delivered  
 (Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*Phil Murphy*

**Maryland Gas**

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED  
 MAY 23 1966

SHOW WHERE DELIVERED (only if requested)

CSS-16-71548-5-F GPO

**INSTRUCTIONS TO DELIVERING EMPLOYEE**

☐ Deliver **ONLY** to addressee ☐ Show address where delivered  
 (Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*E. J. ...*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED  
 5-26-66

SHOW WHERE DELIVERED (only if requested)

CSS-16-71548-5-F GPO

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

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REGISTERED NO. NAME OF SENDER

CERTIFIED NO. 231505 STREET AND NO. OR P. O. BOX

INSURED NO. CITY, STATE, AND ZIP CODE

POD Form 3811 Sep. 1963

CS5-16-71548-6-F

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REGISTERED NO. NAME OF SENDER OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA

CERTIFIED NO. 231506 STREET AND NO. OR P. O. BOX 1024 WEST ADAMS SUITE 202  
TELEPHONE: 271-5181  
PHOENIX, ARIZONA, 85007

INSURED NO. CITY, STATE, AND ZIP CODE

POD Form 3811 Sep. 1963

CS5-16-71548-6-F

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE, \$300

POSTMARK OF  
DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO. NAME OF SENDER OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA

CERTIFIED NO. 231507 STREET AND NO. OR P. O. BOX 1024 WEST ADAMS SUITE 202  
TELEPHONE: 271-5181  
PHOENIX, ARIZONA, 85007

INSURED NO. CITY, STATE, AND ZIP CODE

POD Form 3811 Sep. 1963

CS5-16-71548-6-F



3-7-66

For quicker delivery  
future carries:

Maryland Casualty Co.  
P.O. Box 7006 - In-  
dian School Stn  
Phnx

attn: Mr. Verd Kline

4-27-66

Mr. Robinson was  
in office

March 4, 1966

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark  
NE/4NE/4 5-21S-24E, Cochise County, Arizona  
Permit 34

Dear Mr. Bianco:

This will acknowledge receipt of your letter of March 3, 1966 concerning captioned well.

In view of your statement that Mr. Robison is working out the details of the plans to re-enter this well, this letter will constitute an extension until May 1, 1966 for commencement of your operations.

If operations are not started by that date, this Commission will have no alternative but to insist upon compliance with our plugging order issued July 16, 1963.

Very truly yours,

John Bannister  
Executive Secretary  
MB

cc: Maryland Casualty Company, 111 W. Osborn Rd., Phoenix, Arizona  
Mr. E.R. Robison, Space 36 1670 E. Hill Ave., Escondido, Calif.



CHAROLAIS

48

BIANCO FARMS

RTE. 2, BOX 350 BIANCO ROAD  
CASA GRANDE, ARIZONA

10  
M

Phone: 836-5559

March 3, 1966

Mr John Dannister  
Executive Secretary  
of Oil & Gas Commission

Mr Dannister

Am in receipt of your letter regarding  
well in Cochise County - Was in contact with  
Mr Robison last Saturday and he informed  
me he had a deal on for this particular  
well and was working out the details.  
Under these circumstances would appreciate  
an extension of forty five to sixty days (60).  
Thanking you for your cooperation

Peter P. Dances

Southwest Oil Co #1 Davis-Clark  
#34

Marge - give final  
60 day extension if no  
work commenced

March 1, 1966

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark  
NE/4NE/4 S-21S-24E, Coconino County, Arizona  
Permit 34

Dear Mr. Bianco:

By letter this Commission granted an extension until March 1, 1966 of your permit covering operations on captioned well.

Will you please advise this office of any action taken by you and your continued plans for this well. If no action is being taken, this Commission will have no alternative but to order this well plugged.

May we hear from you by March 15, 1966.

Very truly yours,

John Bannister  
Executive Secretary  
MB

cc: Maryland Casualty Company, 111 W. Osborn Rd., Phoenix, Ariz.

Mr. E.R. Robison, Space 36, 1670 E. Hill Ave., Escondido,  
Calif.

8-11-65

Mr. Peter C. Bianco, President  
Southwest Oil Company  
P.O. Box 350 Bianco Road  
Casa Grande, Arizona

Re: Southwest Oil Co. #1 Davis-Clark  
NE/4NE/4 S5-T21S-R24E, Cochise County, Arizona  
Permit 34

Dear Mr. Bianco:

This will acknowledge your letter of August 9, 1965.

Please be advised that the plans concerning this well, as outlined by you in our recent telephone conversation, are acceptable to the Commission.

This letter will constitute extension of your existing permit to March 1, 1966. At that time, if further work has not been commenced, it will be necessary that this well be plugged and abandoned. Further extension, based upon reasonable assurance, could be requested.

Mr. E.R. Robison, Escondido, California, contacted me by telephone on August 10, 1965 and confirmed the plans as to this well.

If this Commission may be of further service to you, please advise.

Yours very truly,

John Bannister  
Executive Secretary  
JB

cc: Maryland Casualty Company, 111 W. Osborn Rd., Phoenix

Mr. E.R. Robison, Space 36, 1670 E. Hill Ave., Escondido, Calif.



48

BIANCO FARMS

RTE. 2, BOX 350 BIANCO ROAD  
CASA GRANDE, ARIZONA

M

Phone: 836-5559

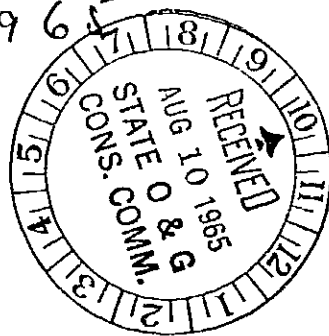
Casa Grande

Aug 9, 1965

Oil & Gas Conservation  
Commission

Mr Gannister

Mr Robinson is planning on reentering  
the Southwest Oil Co well #1 on the Davis - Clark  
lease (NE  $\frac{1}{4}$  - NE  $\frac{1}{4}$  Sect. 5, T. 21 S. Range 24 E Cooke Co)  
sometime this winter - I am asking at this time  
an extension till the first of March 1966 for the  
plugging of said well -

E.R. Robinson -  
151670 E. Hill Ave  
Escondido, Calif 92025Space No.  
Mobile home

By phone 8-10-65

Thanking you

Peter J. Davis

Pres. Southwest Oil Co.

SW-Davis-Clark

#34

# MARYLAND CASUALTY COMPANY

H. ELLSWORTH MILLER, President

L. VERD RHUE, Manager

## PHOENIX CLAIM DIVISION

111 West Osborn Road  
PHOENIX, ARIZONA 85013

Phone: CR 7-4711

July 28, 1965

Office of Oil & Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams Street  
Phoenix, Arizona 85007

Attention: J. R. Scurlock  
Petroleum Geologist

Re: Our Principal: Southwest Oil Co.  
Your File No : 34  
Our Bond No : 92-377933

Gentlemen:

Your letter of July 16 was received in this office and the matter brought to my attention on July 21.

The contents of your letter have been noted and I have proceeded to put our Principal, Southwest Oil Co., on notice of your demands as well as the other individuals involved.

As soon as I have had the opportunity to have had time to receive replies from the interested parties I shall be in contact with you relative to this matter.

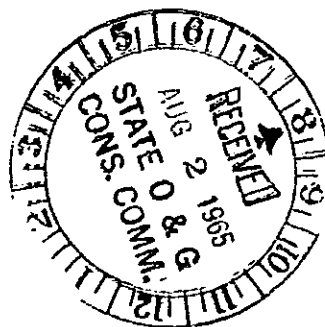
If I can be of assistance to you at this time, please advise.

Very truly yours,

  
L. Verd Rhue  
Manager

LVR:db

cc: Southwest Oil Co.  
E. R. Robison  
Peter F. Bianco



Affiliated Companies: NORTHERN INSURANCE COMPANY OF NEW YORK • ASSURANCE COMPANY OF AMERICA  
AUTOPLAN INSURANCE COMPANY • MAINE BONDING AND CASUALTY COMPANY • VALIANT INSURANCE COMPANY

July 28, 1965

Memo to: File  
From: John Bannister, Executive Secretary

Re: Southwest Oil Co. #1 Davis-Clark  
NE/4NE/4 5-21S-24E, Cochise County  
Permit 34

On July 28, 1965 a Mr. Bianca of Casa Grande, address P.O. Box 350, Bianca Road, Casa Grande, Arizona, telephone 836-5559, telephoned in regards to our request to Maryland Casualty Company that this well be plugged.

Mr. Bianca informed me that Southwest Oil Co. is still interested in this well, as is Mr. E.R. Robison. Mr. Robison currently is in Los Angeles.

Mr. Bianca said it is Mr. Robison's intention to re-enter this well and that within ten days or two weeks we should have communication from Mr. Robison to this effect.

Mr. Bianca was told that inasmuch as this well has been idle for quite some time, that this office would defer if further drilling were contemplated. However, he was advised, the Maryland Casualty Company Bond 92-377933 must be kept in full force and effect; that should no work commence within the near future, the order to plug would be enforced. Mr. Bianca was further advised that he could notify Maryland Casualty Company that no action at this time was necessary on their part.



No. 231273

**RECEIPT FOR CERTIFIED MAIL—20¢**

SENT TO		POSTMARK OR DATE
STREET AND NO.		
CITY, STATE, AND ZIP CODE		
If you want a return receipt, check which		If you want delivery only to addressee, check here
<input type="checkbox"/> 10¢ shows to whom and when delivered	<input type="checkbox"/> 35¢ shows to whom, when, and address where delivered	
<b>FEES ADDITIONAL TO 20¢ FEE</b>		<input type="checkbox"/> 50¢ fee

P00 Form 3800 July 1963 **NO INSURANCE COVERAGE PROVIDED— (See other side)**  
**NOT FOR INTERNATIONAL MAIL**

1. Stick postage stamps to your article to pay:  
BASIC CHARGES  
Certified fee—20¢  
Postage (first-class or airmail)

OPTIONAL SERVICES  
Return receipt (10¢ or 35¢)  
Deliver to addressee only—50¢  
Special delivery

2. If you want this receipt postmarked, stick the gummed stub on the left portion of the address side of the article, *leaving the receipt attached*, and present the article at a post office service window or hand it to your rural carrier. (no extra charge)  
3. If you do not want this receipt postmarked, stick the gummed stub on the left portion of the address side of the article, detach and retain the receipt, and mail the article.  
4. If you want a return receipt, write the certified-mail number and your name and address on a return receipt card, Form 3811, and attach it to the back of the article by means of the gummed ends. Endorse front of article RETURN RECEIPT REQUESTED. (Fees—10¢ or 35¢.)  
5. If you want the article delivered only to the addressee, endorse it on the front DELIVER TO ADDRESSEE ONLY. (Fee—50¢). Place the same endorsement in line 2 of the return receipt card.  
6. Save this receipt and present it if you make inquiry.

☆ GPO: 1963-O-683359

**INSTRUCTIONS TO DELIVERING EMPLOYEE**  
☐ Deliver *ONLY* to addressee ☐ Show address where delivered  
(Additional charges required for these services)

**RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

JUL 19 1965

SHOW WHERE DELIVERED (only if requested)

POST OFFICE RECEIPT  
OFFICIAL BUSINESS  
PHOENIX, ARIZ.  
JUL 19 1963



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PENALTY FOR PRIVATE USE TO AVOID  
Only use for  
DELIVERED  
PREVENT

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RETURN TO

REGISTERED NO.	NAME OF SENDER
CERTIFIED NO. 231273	STREET AND NO. OR P. O. BOX 1824 WEST ADAMS - SUITE 202
INSURED NO.	CITY, STATE, AND ZIP CODE PHOENIX, ARIZONA 85007

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
TELEPHONE 278-5261

July 16, 1965

Maryland Casualty Company  
P.O. Box 7006  
Phoenix, Arizona 85011

CERTIFIED MAIL  
NO. 231273

Re: Southwest Oil Co. #1 Davis Clark well  
NE/4NE/4 5-T21S-R24E, Cochise County, Arizona  
Our file 34

Your Bond 92-377933

Gentlemen:

Captioned bond was issued to cover the drilling operations for the described well.

Inasmuch as this well has not been completed in accordance with our Rules and Regulations, we order that this well be plugged as indicated below. At such time as this work has been completed to the satisfaction of this Commission your bond may be terminated.

According to our records the total depth of this well is 3,570 feet and 13-3/4 inch casing has been set at 515 feet with 40 sacks of cement. Assuming that this casing is still in the hole, a 50 foot plug of cement should be spotted at the bottom of the hole, that is, from 3,570 to 3,520 feet; another 50 foot cement plug should be spotted at the bottom of the surface casing, that is, from 465 to 515 feet, and a 15 foot cement plug at the surface with a 4-inch pipe which must protrude a minimum of four feet above the ground surface and contain the following information welded to the pipe:

- (a) well name
- (b) quarter-quarter location
- (c) permit no. 34

Upon completion of this plugging program, a Plugging Record and Well Completion Report must be filed with this Commission as evidence of proper completion. In addition, any logs or other geological information must be filed.

Maryland Casualty Company Page 2

July 16, 1965

This plugging program should be conducted as soon as feasibly possible. Should you have any questions concerning this order of the Commission will you please advise. We will be glad to help you in all possible ways.

Yours very truly,

J.R. Scurleck  
Petroleum Geologist  
MR

enc: Plugging Record form  
Well Completion Report form

From letter sent February 25, 1960, by instructions  
of Petroleum Engineer, W. F. Mauls

22

*file Southwest.*



PAUL FANNIN  
GOVERNOR

M. F. WHARTON  
CHAIRMAN

CHARLES KALIL, M. D.  
VICE-CHAIRMAN

ERNEST W. CHILSON  
MEMBER

WILLIAM E. KIMBLE  
MEMBER

R. KEITH WALDEN  
MEMBER

OFFICE OF

**Oil and Gas Conservation Commission**

STATE OF ARIZONA

3500 N. CENTRAL - SUITE 312

Phoenix, Arizona

CR 9-3387

February 23, 1960

D. A. JEROME  
EXECUTIVE SECRETARY

Halliburton Oil Well Cementing Co.  
1130 Petroleum Club Bldg.  
Denver, Colorado

Attention: John Banister

Hi John,

We are neighbors. Will you thank Joe for the letter he sent here for me.

Looks as though Arizona will "crack" the oil business soon. We have started a little drilling boom, now, if we can get a few wells.

John, sometime in May of 1958, H.O.W.C. C. ran a DST for Southwest Oil Company, Davis-Clark # 1, Cochise County, Arizona. The packer leaked, I believe, and it was a poor test, but, I believe they recovered 450' OCM. We need a copy of the DST for our records. Mr. E. R. Robison, has been in and said he did not receive copies of the charts. Would you check up on this test and send me any information available. Mr. Robison has okayed this request and will give you a letter if necessary.

John, we sort of like Arizona. Come see us.  
Hello to all for me.

Yours very truly,

*Bill*

Bill Maule,  
Petroleum Engineer

WFM:gg



January 26, 1960

Permission is this date granted to Mr. E. R. Robison, President of SOUTHWEST OIL COMPANY, to suspend operations on the Davis-Clark Well, Lot 1, Section 5, 21 S, 24 E, G & S R, B. & M., Cochise County, Arizona, for a period of six (6) months.

OIL AND GAS CONSERVATION COMMISSION

By: D. A. Jerome,  
Executive Secretary

DAJ:mmr

January 26, 1960

E. B. Robison  
P.O. Box 1981  
Phoenix, Arizona

Dear Mr. Robison,

I am writing you regarding your Davis-Clark well in Cochise County. We have heard nothing from you in several years and we would like to know your plans regarding this well.

May we invite you to call at our office, 3500 N. Central, # 312, next time your in town.

Yours very truly,

William F. Maule,  
Petroleum Engineer

WFM:GG

Southwest Oil Co. No. 1 Davis Clark  
NE 1/4 Section 5, T 21 S., R. 24 E.  
Cochise County, Arizona

March 19, 1959

Sample Tops:

Recent Alluvium	Surface to 200'
Cretaceous Bisbee Group	
(Mural Limestone)	200'
(Morita Formation)	600'
Permian Earp Formation	1150'
Pennsylvanian Horquilla ls.	1575'
Mississippian Escabrosa ls.	2400'
Devonian Martin ls. (?)	3335'

Above tops are based on lithology, as compared with surface sections described by Gilluly (U.S.G.S. Prof. Paper 281, General Geology of Central Cochise County, Arizona). The section penetrated from a depth of 200 feet to 1150 feet, compares favorably with Gilluly's description of the Mural limestone and Morita formation, which are, in reality, members of the Bisbee formation, or group.

Beneath the Cretaceous-Paleozoic unconformity, the well apparently penetrated a limestone and shale section of the Permian Earp formation, and went into the Pennsylvanian Horquilla limestone, at a depth of 1575 feet. This top is based on the beginning of a continuous limestone section deeper in the well.

Top of the Mississippian Escabrosa Limestone was picked at a depth of 2400 feet, beneath a section of 150 feet of interbedded limestone and red shale, a phenomenon that is common to the Pennsylvanian-Mississippian boundary in this part of the Rocky Mountains. The actual tops may come higher, above some black and green shal beds at 2540, but, as in the case of the Pennsylvanian top, this one was again picked on the beginning of another thick continuous limestone section.

At 3335 feet, the well penetrated a gray dolomite section, which is questionably called the Devonian Martin formation. According to average thickness of measured Mississippian sections in the area, this would be a logical pick. However, it should be pointed out that in some measured sections in Cochise County, there is a thick dolomite section in the lower part of the Escabrosa limestone. The well bottomed in this dolomite at a Total Depth of 3570 feet.

Scattered oil shows were found in dense to fairly porous limestones, with poor to fair fluorescence and cut, in the zone from 2195 to 2655 feet.. A drill stem test of the interval 2570-90 recovered 450 feet of oil cut mud, but no pressures were recorded and no additional tests, or a completion, were attempted.

Southwest Oil Co. No. 1 Davis Clark  
Page 2

The tops picked in this well are based on lithology only, and fossils may change them slightly in the Paleozoic section. Geologically, however, the tops picked would agree with what might be expected in this area, based on the position of the well with respect to the local geology as mapped by Gilluly.

Kenneth G. Smith

KGS:hp  
cc/gg

*Kenneth G. Smith  
Southwest Oil Co.  
Durango, Colorado, 1959*

*from the desk of* \_\_\_\_\_

MURIEL R. BATES

July 3, 1958

Mr. J. W. Walker, 32 S. Central  
Phoenix in office to talk to Fritz  
requesting data on the Dixie Oil  
well, Maricopa County. We do not  
have any info on this well.

He told us that the Southwest-Davis-  
Clark well is down to 3570' - 6" hole  
Lime. Will go about 400-500' more.  
Will use bigger rig. Claim to be  
in good lime sections. Mr. Walker  
said we would get a log and samples.  
Also that a Schlumber J had been run.  
He claims to be associated with  
Southwest.

mb

Arizona Republic

5/13/58

## Oil Drill Test Disappoints

TOMBSTONE (Special)—A drill-  
stem test of Southwest Oil Corp.'s  
wildcat in Mississippi lime at 2,000  
feet yesterday failed to show oil  
or gas in commercial quantities.  
E. R. Robison, of Phoenix, presi-

dent of Southwest, said drilling  
would continue.

The test was made by Halbur-  
ton Co., brought from New Mexi-  
co's oil center at Farmington for  
that purpose.

Strong odors of gas and oil, and  
some shows, were reported in the  
test of the wildcat, which is 9  
miles southeast of Tombstone in  
Government Draw.

The well was drilled with cable  
logs to 2,000 feet, and then re-  
placed by rotary with logs at  
Nelson, of Glendale, as drilling  
contractor.

3570' (Miss)  
40' 16" DODONIA 357' ?  
515 5024 CS9  
↓  
7" 2316 CS9 1630' 2316  
900 + 10" CS9

10/30/57

*from the desk of* \_\_\_\_\_

MURIEL R. BATES

Phoned Mr. E. R. Robison - 336 W. Rose Lane  
Am. 6-9371 regarding status of well.

He stated that there has not been any  
activity and that they had drilled to  
2455'. They intend to pull the cable  
and put down a rotary. Doesn't know  
when.

I tried to get a log and samples to present  
depth. He stated that they did not have to  
submit it until 6 mo. after completion.  
I also tried to get him to send us a letter  
on the status of the well to this effect.  
He refused.

He stated that Mr. Johnson had been down  
to the well and had seen the samples.

mb



July 15, 1957

Mr. Phillip W. Johnson, Geologist  
P. O. Box 2270  
Tucson, Arizona

Dear Mr. Johnson:

We have received a request from Ray Simpson, who is representing Southwest Oil Company, Davis-Clark #1, in Section 5, 21-S 24-E.

Mr. Simpson reported that he would like to have a representative from this office come to the drilling location and check the additional geology which he feels is not available through samples.

If you find the time to make this trip and check a little more thoroughly with these drillings, they may have some additional information which will be helpful to the State for future information on the geology of the area.

This is in line with our recent telephone conversation on this matter.

Very truly yours,

Louis C. Duncan  
Manager

LCD/pm

from the desk of

6/26/57

MURIEL R. BATES

Southwest

Phil talked to E.R.  
Johnson about  
samples Phil saw  
down there. 3000'  
difference -  
Phil wants to be on  
hand when well  
is plugged.

336 W. Rose Lane

Phil. Am. 6-9371 #34

NOTE:

July 16, 1956

Southwest Oil Corporation, #1 Well permit was filed, check for \$25.00 received, and bond filed before the permit came to my desk.

Approval granted by Mr. E. July 6, 1956.

mb